

**Chettinad Hospital and Research Institute
Department of Radio Diagnosis**

SPECIAL INVESTIGATIONS

DEXA - Representative Reports

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	N, SEETHA LAKSHMI			Height:	148.5 cm
Patient ID:	CARE092478349	Birth Date:	02-08-1977	Weight:	67.0 kg
Sex:	Female	Measured:	08-02-2024	Treatments:	
Indications:		Fractures:			

ASSESSMENT:

The BMD measured at Total Body Total is 1.205 g/cm² with a T-score of 1.2 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	08-02-2024	46.5	1.2 Z-score	1.2	1.205 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in February 2026

(not specified)

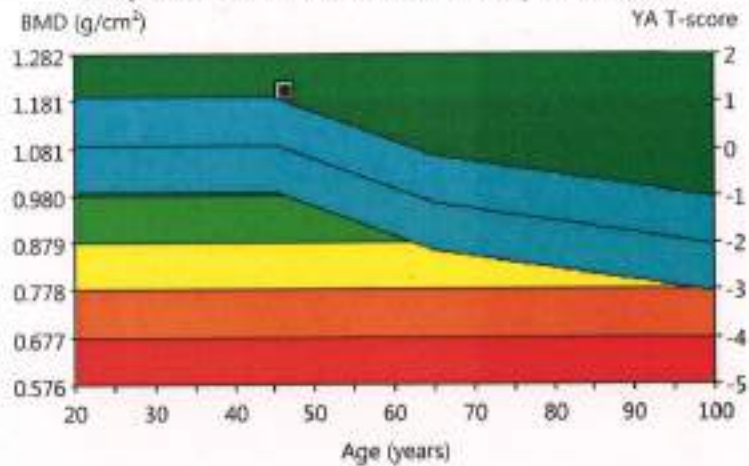

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELASAMKARI

Patient:	N, SEETHA LAKSHMI		Referring Physician:	(not specified)	
Birth Date:	02-08-1977	Age:	46.5 years	Patient ID:	CARE092478349
Height:	148.5 cm	Weight:	67.0 kg	Measured:	08-02-2024 10:38:29 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	08-02-2024 10:38:31 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)			
Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.764	-	-
Arms	0.951	-	-
Legs	1.070	-	-
Trunk	0.974	-	-
Ribs	0.802	-	-
Spine	1.167	-	-
Pelvis	1.062	-	-
Total	1.205	1.2	1.2

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 98% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (v113); Matched for Age, Weight (females 25-100kg), Ethnic.

Date created: 02-04-2024 16:26:54 15 [SP 2]; Filename: 22f8f7jk.off; Total Body: 760.15:153.04:31.4 0.00-1.00 4.8LxL3.0L 12.6%Fat-46.4%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 μ fy

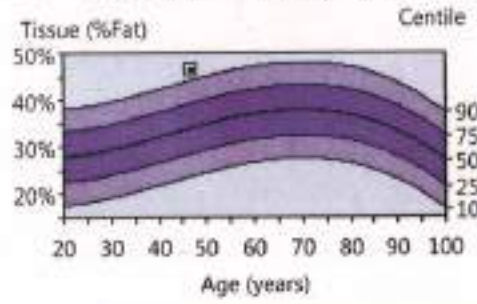
Patient: N, SEETHA LAKSHMI	Referring Physician: (not specified)	
Birth Date: 02-08-1977	Age: 46.5 years	Patient ID: CARE092478349
Height: 148.5 cm	Weight: 67.0 kg	Measured: 08-02-2024 10:38:29 (15 [SP 2])
Sex: Female	Ethnicity: White	Analyzed: 08-02-2024 10:38:31 (15 [SP 2])

Total Body Tissue Quantitation

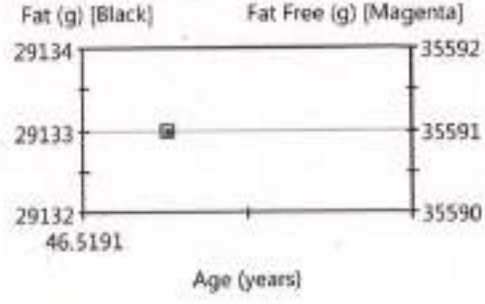


Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	46.1	-	7.7	3,411	3,994	289
Legs	46.3	-	22.8	10,218	11,850	728
Trunk	49.6	-	30.3	14,739	14,987	607
Android	53.6	-	4.9	2,606	2,256	36
Gynoid	49.4	-	10.0	4,852	4,988	190
Total	46.6	94	64.7	29,133	33,414	2,177

USA (Lunar) Total Body: Total



Total Body: Total

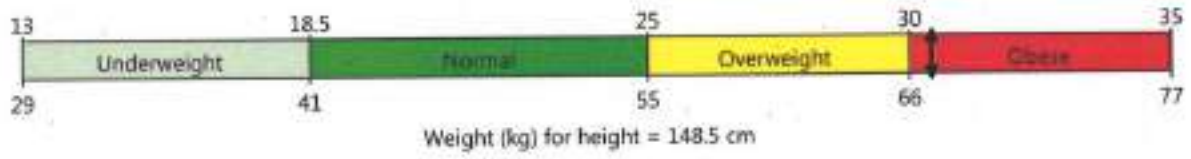


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
08-02-2024	46.5	46.6	94	64.7	62,547	29,133	33,414	2,177	35,591

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)					
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
08-02-2024	46.5	53.6	49.4	1.09	46.6

World Health Organization BMI Classification

BMI = 30.4 (kg/m²)

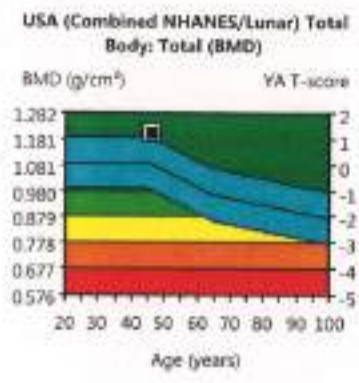


COMMENTS:

DEPARTMENT OF
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 98% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population
 hv113: Composition Matched for Age
 Date created: 02-04-2024 16:27:04 15 [SP 2]; Filename: 2zt8b7jk.dfb; Total Body: 76.0 15 153 04.314 0.00 -1.00 4.81x13.01 12.6%Fat=46.6%; 6000.00 0.000.00; Scan Mode: Standard 0.4 µgY
 Lunar Prodigy Advance
 PA+ 351920

Patient: N, SEETHA LAKSHMI	Referring Physician: (not specified)	
Birth Date: 02-08-1977	Age: 46.5 years	Patient ID: CARE092478349
Height: 148.5 cm	Weight: 67.0 kg	Measured: 08-02-2024 10:38:29 (15 [SP 2])
Sex: Female	Ethnicity: White	Analyzed: 08-02-2024 10:38:31 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.764	-	-
Arms	0.951	-	-
Legs	1.070	-	-
Trunk	0.974	-	-
Ribs	0.802	-	-
Spine	1.167	-	-
Pelvis	1.062	-	-
Total	1.205	1.2	1.2

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (v1113); Matched for Age, Weight (females 25-100 kg), Ethnic

Date created: 02-04-2024 16:25:38 15 [SP 2] Filename: 2218s7jkuiffb; Total Body; 760.1515104314 0.00-1.00 4.81x13.01 12.5%/Fat=46.0%, 0.00000 0.00000; Scan Mode: Standard; 0.4 μ oy

[Signature]
 DEPARTMENT OF RADIOLOGY
 CHETTIYAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	K.A, SOUMYA	Birth Date:	13-03-1999	Height:	147.5 cm
Patient ID:	CARE093712890	Measured:	13-02-2024	Weight:	52.0 kg
Sex:	Female	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 0.995 g/cm² with a T-score of -0.8 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	13-02-2024	24.9	-0.3 Z-score	-0.8	0.995 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

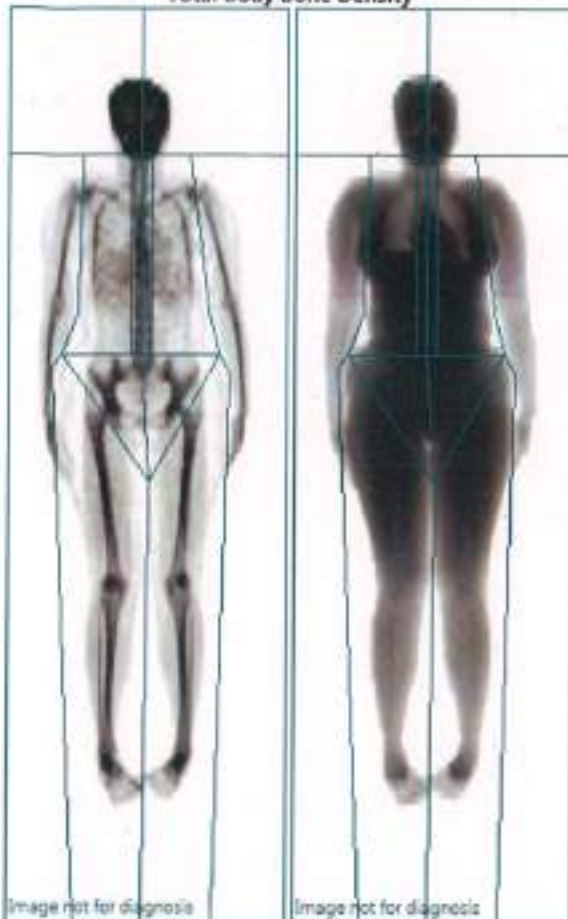
Based on these results, a follow-up exam is recommended in February 2026

(not specified)

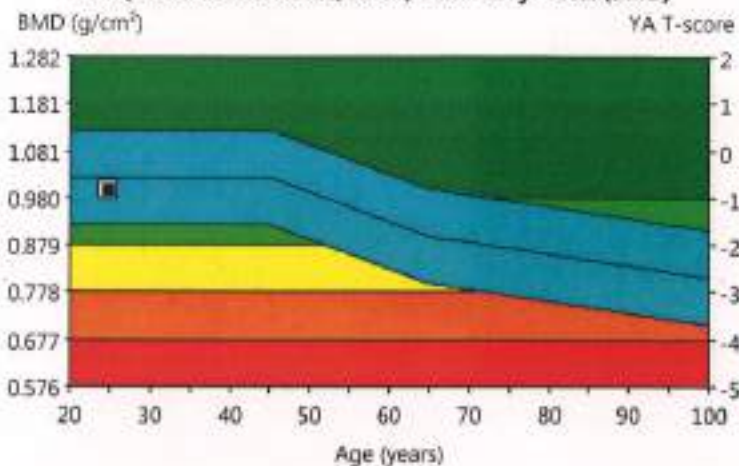

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient: K.A. SOUMYA	Age: 24.9 years	Referring Physician: (not specified)
Birth Date: 13-03-1999	Weight: 52.0 kg	Patient ID: CARE093712890
Height: 147.5 cm	Ethnicity: White	Measured: 13-02-2024 10:07:35 (L5 [SP 2])
Sex: Female		Analyzed: 13-02-2024 10:07:36 (L5 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.027	-	-
Arms	0.786	-	-
Legs	0.947	-	-
Trunk	0.795	-	-
Ribs	0.693	-	-
Spine	0.897	-	-
Pelvis	0.834	-	-
Total	0.995	-0.8	-0.3

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

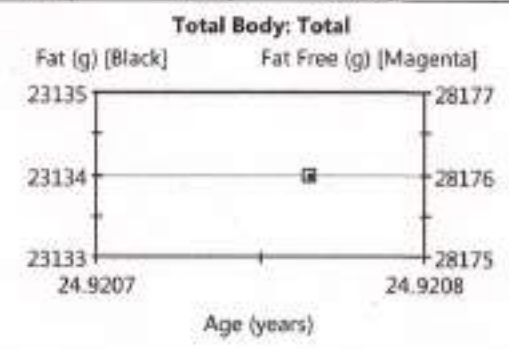
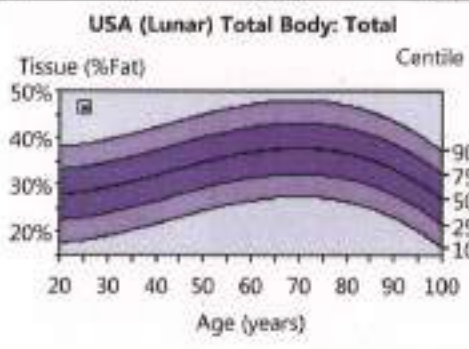
Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total), USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (M113), Matched for Age, Weight (females 25-100 kg), Ethnic

Date created: 02-04-2024 16:27:42.15 [SP 2] Filename: Sa20ks7jkc.dfb; Total Body: 76@15:133.04:3L4 0.00-1.00 4.8Lx13.01 11.2%Fat=46.4%; 0.000.00 0.00 0.00; Scan Mode: Standard; 0.4 μ Gy

Patient: K.A. SOUMYA	Referring Physician: (not specified)
Birth Date: 13-03-1999	Age: 24.9 years
Height: 147.5 cm	Weight: 52.0 kg
Sex: Female	Ethnicity: White
	Patient ID: CARE093712890
	Measured: 13-02-2024 10:07:35 (L5 (SP 2))
	Analyzed: 13-02-2024 10:07:36 (L5 (SP 2))

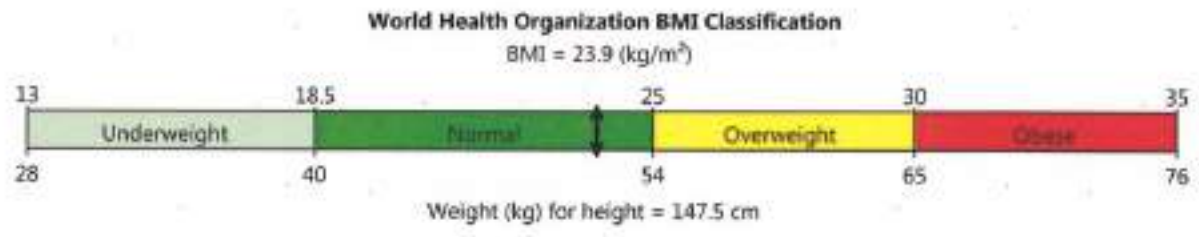


Region	Composition (Enhanced Analysis)					
	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	50.0	-	5.3	2,550	2,551	177
Legs	47.3	-	19.7	9,078	10,095	515
Trunk	47.8	-	23.1	10,830	11,837	447
Android	48.4	-	3.6	1,722	1,835	24
Gynoid	49.6	-	8.9	4,372	4,445	129
Total	46.4	99	51.3	23,134	26,672	1,504



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
13-02-2024	24.9	46.4	99	51.3	49,806	23,134	26,672	1,504	28,176

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)					
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
13-02-2024	24.9	48.4	49.6	0.98	46.4



COMMENTS:

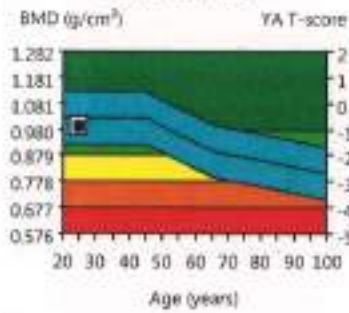
DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (M13): Composition Matched for Age
 Date created: 02-04-2024 16:27:54 (L5 (SP 2)) Filename: Sw1c87jk.dfb; Total Body: 760.15x153.04x31.4 0.00-1.00 4.81x13.01 11.2%Fat=46.4%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 µGy

Patient: K.A. SOUMYA	Age: 24.9 years	Referring Physician: (not specified)
Birth Date: 13-03-1999	Weight: 52.0 kg	Patient ID: CARE093712890
Height: 147.5 cm	Ethnicity: White	Measured: 13-02-2024 10:07:35 (15 [SP 2])
Sex: Female		Analyzed: 13-02-2024 10:07:36 (15 [SP 2])



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.027	-	-
Arms	0.786	-	-
Legs	0.947	-	-
Trunk	0.795	-	-
Ribs	0.693	-	-
Spine	0.897	-	-
Pelvis	0.834	-	-
Total	0.995	-0.8	-0.3

Statistically 68% of repeat scans fall within 1SD (± 0.030 g/cm³ for Total Body Total), USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (n113), Matched for Age, Weight (females 25-100 kg), Ethnic:

Date created: 02-04-2024 10:27:12 15 [SP 2]; Filename: 3w1s8j7k.dft; Total Body: 76.035;153.043;1.4 0.00-1.00 4.81x;1.01 11.2-%Fat=46.4%; 0.000;0.0 0.000 00; Scan Mode: Standard; 0.4 μ Gy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	K, MANGAI	Birth Date:	04-08-1966	Height:	145.0 cm
Patient ID:	CARE093994437	Measured:	24-02-2024	Weight:	73.0 kg
Sex:	Female	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 1.003 g/cm² with a T-score of -0.8 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	24-02-2024	57.5	-0.3 Z-score	-0.8	1.003 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

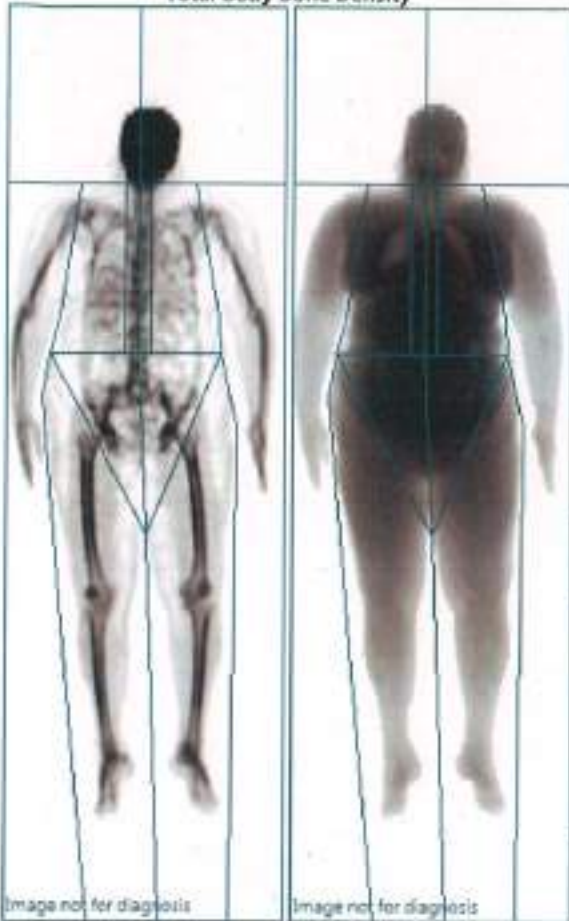
Based on these results, a follow-up exam is recommended in February 2026

(not specified)

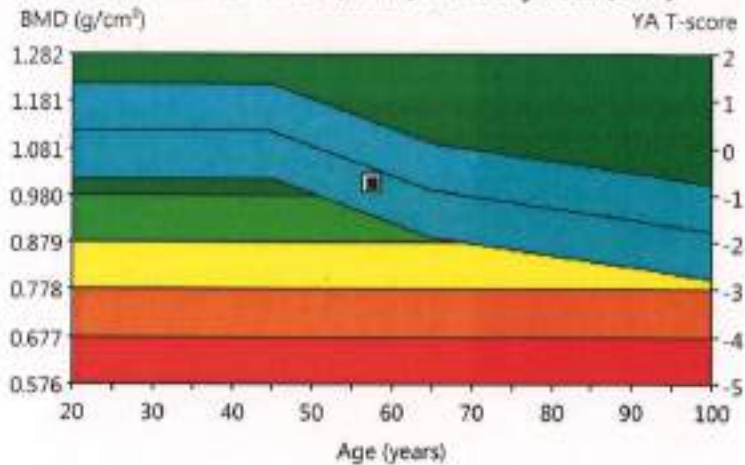

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	K. MANGAJ		Referring Physician:	(not specified)	
Birth Date:	04-08-1966	Age:	57.5 years	Patient ID:	CARED93994437
Height:	145.0 cm	Weight:	73.0 kg	Measured:	24-02-2024 13:01:38 [15 [SP 2]]
Sex:	Female	Ethnicity:	Asian	Analyzed:	24-02-2024 13:01:40 [15 [SP 2]]

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.398	-	-
(a) Arms	0.739	-	-
Legs	0.930	-	-
Trunk	0.811	-	-
Ribs	0.679	-	-
Spine	0.946	-	-
Pelvis	0.876	-	-
(e) Total	1.003	-0.8	-0.3

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

NI - Estimated; Statistically 68% of repeat scores fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (v111); Matched for Age, Weight (females 25-100 kg), Ethnic

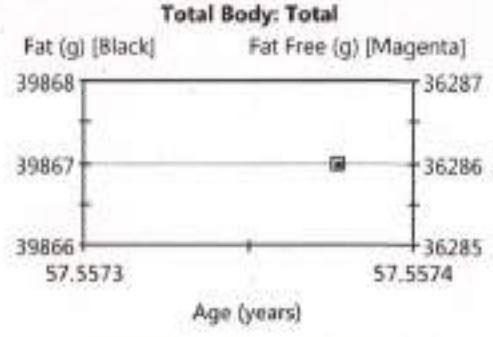
Date created: 02-04-2024 14:28:40 15 [SP 2]; Filename: c5nct57jcd8; Total Body: 70.01513304314 0.00-1.00 4.81x13.01 14.4NFat=53.6%, 0.00.000 0.000.000; Scan Mode: Standard; 0.4 μ Gy

Patient: K, MANGAI	Referring Physician: (not specified)
Birth Date: 04-08-1966	Age: 57.5 years
Height: 145.0 cm	Weight: 73.0 kg
Sex: Female	Ethnicity: Asian
	Patient ID: CARE093994437
	Measured: 24-02-2024 13:01:38 (15 [SP 2])
	Analyzed: 24-02-2024 13:01:40 (15 [SP 2])



Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
(e) Arms	59.1	-	9.7	5,615	3,883	217
Legs	53.1	-	23.3	12,079	10,649	544
Trunk	54.9	-	39.4	21,357	17,536	540
Android	55.6	-	5.3	2,917	2,327	41
Gynoid	52.6	-	11.5	5,955	5,368	187
(a) Total	53.6	-	76.2	39,867	34,558	1,728

USA (Lunar) Reference Chart: No reference data for Total Body [Total] region.
USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.

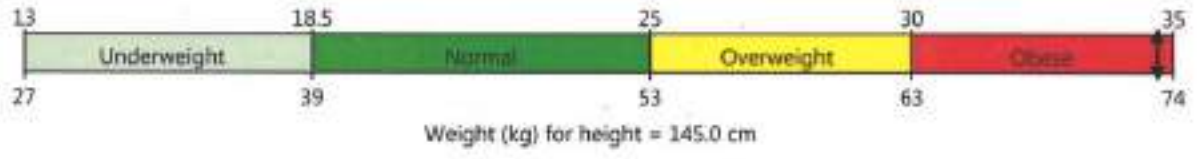


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
(e) 24-02-2024	57.5	53.6	-	76.2	74,425	39,867	34,558	1,728	36,286

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
(e) 24-02-2024	57.5	55.6	52.6	1.06	53.6	

World Health Organization BMI Classification

BMI = 34.7 (kg/m²)

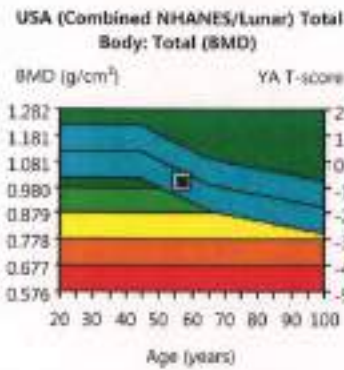


COMMENTS:

DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

(e) - Estimated. Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v113); Composition Matched for Age
 Date created: 02-04-2024 16:28:55 15 [SP 2]; Filename: c5ec979k.dfl; Total Body: 76.015:153.043:14.000:1.00:4.81+13.01:16.4%Fat=53.6%; 0.000:0.00:0.00:0.00; Scan Mode: Standard; 0.4 µGy

Patient: K, MANGAI	Age: 57.5 years	Referring Physician: (not specified)
Birth Date: 04-08-1966	Weight: 73.0 kg	Patient ID: CARE093994437
Height: 145.0 cm	Ethnicity: Asian	Measured: 24-02-2024 13:01:38 [15 [SP 2]]
Sex: Female		Analyzed: 24-02-2024 13:01:40 [15 [SP 2]]



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.398	-	-
Arms	0.739	-	-
Legs	0.930	-	-
Trunk	0.811	-	-
Ribs	0.679	-	-
Spine	0.946	-	-
Pelvis	0.876	-	-
Total	1.003	-0.8	-0.3

(*) - Estimated. Statistically 68% of repeat scans fall within 1SD (± 0.030 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (n11); Matched for Age, Weight (remains 25-100 kg), Ethnic

Date created: 02-04-2024 16:28:34.15 [SP 2] Filename: c:\c\h\j\k\d\h; Total Body: 76.015 153.04 31.4 0.00 -1.00 4.81x13.01 14.4; %Fat=53.6%; 0.00 0.00 0.00 0.00; Scan Mode: Standard; 0.4 μ Gy

[Signature]
 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	MR. LOURDES	Birth Date:	09-09-1980	Height:	178.0 cm
Patient ID:	CARE093560745	Measured:	24-02-2024	Weight:	82.0 kg
Sex:	Male	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 1.182 g/cm² with a T-score of -0.2 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	24-02-2024	43.4	-0.4 Z-score	-0.2	1.182 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in February 2026

(not specified)

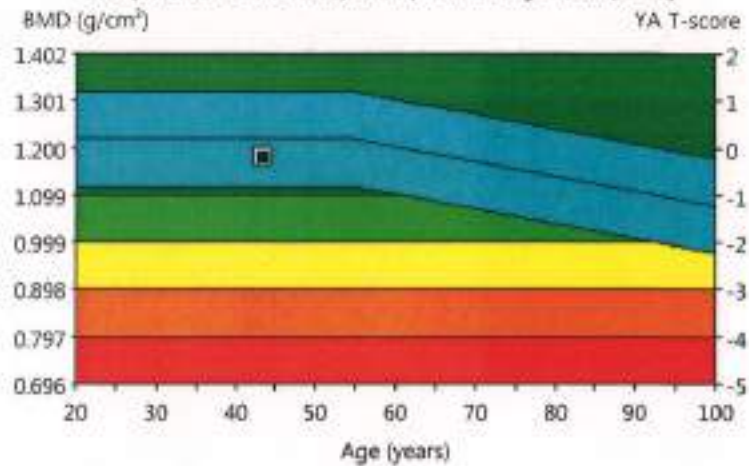

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient: MR, LOURDES	Age: 43.4 years	Referring Physician: (not specified)
Birth Date: 09-09-1980	Weight: 82.0 kg	Patient ID: CARE093560745
Height: 178.0 cm	Ethnicity: White	Measured: 24-02-2024 09:34:13 (15 [SP 2])
Sex: Male		Analyzed: 24-02-2024 09:35:22 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)			
Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.085	-	-
Arms	0.770	-	-
Legs	1.265	-	-
Trunk	1.072	-	-
Ribs	0.941	-	-
Spine	1.116	-	-
Pelvis	1.171	-	-
Total	1.182	-0.2	-0.4

COMMENTS:


 DEPARTMENT OF RA,
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

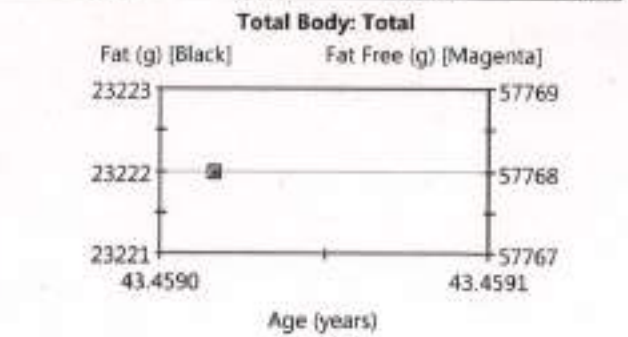
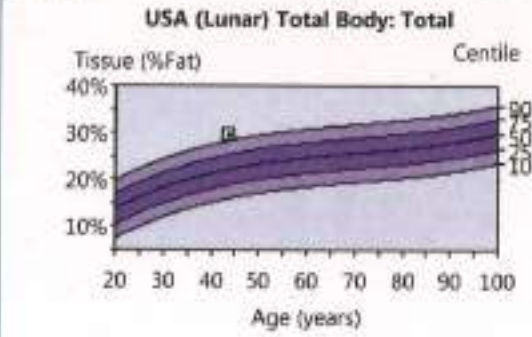
Statistically 98% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (v113); Matched for Age, Weight (males 25-100 kg), Ethnic

Date created: 02-04-2024 16:31:25 15 [SP 2]; Filename: bcd:9s7jk.dft; Total Body: 76.015:153.04:SLA 0.00-1.00 4.81a11.01 12.3.9%Fat=29.8%; 0.00 0.00 0.00 0.00; Scan Mode: Standard; 0.4 μ Ry

Patient:	MR. LOURDES	Referring Physician:	(not specified)
Birth Date:	09-09-1980	Age:	43.4 years
Height:	178.0 cm	Weight:	82.0 kg
Sex:	Male	Ethnicity:	White
		Patient ID:	CARE093560745
		Measured:	24-02-2024 09:34:13 (15 [SP 2])
		Analyzed:	24-02-2024 09:35:22 (15 [SP 2])

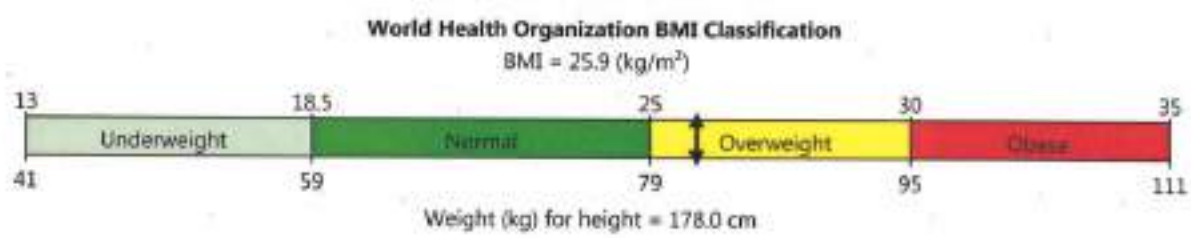


Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	22.5	-	11.2	2,416	8,342	401
Legs	23.8	-	26.6	6,079	19,441	1,105
Trunk	37.0	-	38.0	13,710	23,390	895
Android	36.9	-	5.4	1,977	3,378	41
Gynoid	31.1	-	10.9	3,296	7,307	276
Total	29.8	95	81.0	23,222	54,830	2,939



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
24-02-2024	43.4	29.8	95	81.0	78,052	23,222	54,830	2,939	57,768

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)					
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
24-02-2024	43.4	36.9	31.1	1.19	29.8

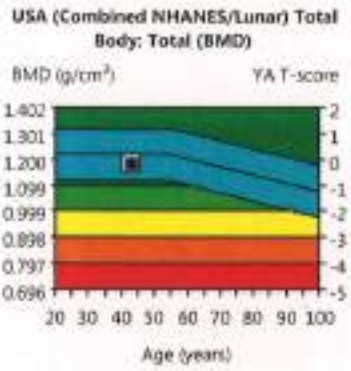


COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.8% Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (V113); Composition Matched for Age
 Date created: 02-04-2024 14:31:34 15 [SP 2]; Filename: kodi9r7jkdff; Total Body: 76:0.15:253:04:31:4 0:00-1:00 4.81x13:01 12.3%Fat=29.8%; 0:00:0:00 0:00:0:00; Scan Mode: Standard; 0.4 µGy

Patient:	MR, LOURDES	Referring Physician:	(not specified)
Birth Date:	09-09-1980	Age:	43.4 years
Height:	178.0 cm	Weight:	82.0 kg
Sex:	Male	Ethnicity:	White
		Patient ID:	CARE093560745
		Measured:	24-02-2024 09:34:13 (15 [SP 2])
		Analyzed:	24-02-2024 09:35:22 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.085	-	-
Arms	0.770	-	-
Legs	1.265	-	-
Trunk	1.072	-	-
Ribs	0.941	-	-
Spine	1.116	-	-
Pelvis	1.171	-	-
Total	1.182	-0.2	-0.4

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (N113); Matched for Age, Weight (males 25-100 kg), Ethnic

Date created: 02-04-2024 16:31:09 15 [SP 2]; Filename: kodic973k.dff; Total Body: 76.015,153.04,31.4,0.00,-1.00,4.8Lx13.0L,12.3%Fat=29.8%; 0.000,0.0,0.000,0.0; Scan Mode: Standard; 0.4 μ Sy

[Signature]
 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: JAYAPRABA, MOHAN
Patient ID: CSSH09000434855 Birth Date: 22-09-1988 Height: 162.0 cm
Sex: Female Measured: 24-02-2024 Weight: 69.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.134 g/cm² with a T-score of 0.5 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	24-02-2024	35.4	0.4 Z-score	0.5	1.134 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in February 2026

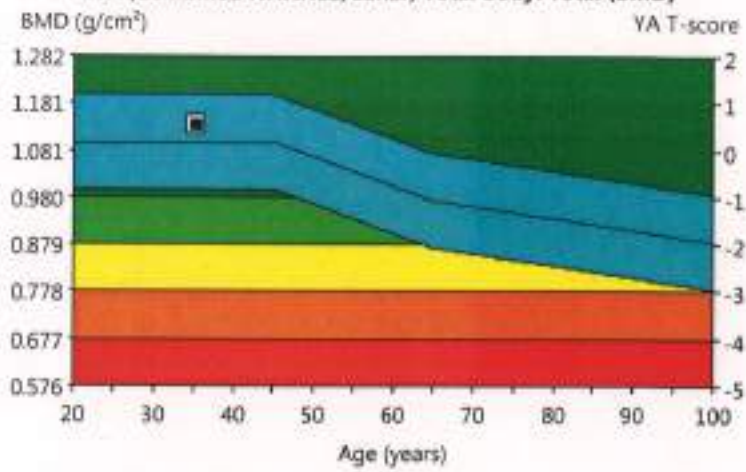
(not specified)

Patient: JAYAPRABA, MOHAN	Referring Physician: (not specified)
Birth Date: 22-09-1988	Age: 35.4 years
Height: 162.0 cm	Weight: 69.0 kg
Sex: Female	Ethnicity: Asian
	Patient ID: CSSH09000434855
	Measured: 24-02-2024 11:11:43 (15 [SP 2])
	Analyzed: 24-02-2024 11:11:44 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.997	-	-
Arms	0.845	-	-
Legs	1.172	-	-
Trunk	0.946	-	-
Ribs	0.772	-	-
Spine	1.037	-	-
Pelvis	1.058	-	-
Total	1.134	0.5	0.4

COMMENTS:

DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

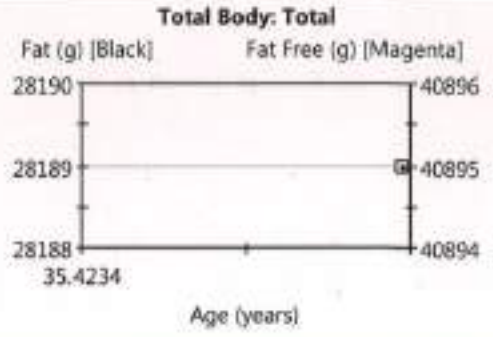
Statistically 68% of repeat scans fall within 1SD (± 0.020 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (n113)) Matched for Age, Weight (females 25-100 kg), Ethnic. Date created: 02-04-2024 16:32:07 15 [SP 2]; Filename: 17c3a7jk.dfb; Total Body: 760.15.153.0431.4 000:1.00 4.81e13.01 12.0% Fat=42.1%, 0.000.000 0.000.000; Scan Mode: Standard; 0.4 μ Gy

Patient: JAYAPRABA, MOHAN **Referring Physician:** (not specified)
Birth Date: 22-09-1988 **Age:** 35.4 years **Patient ID:** CSSH09000434855
Height: 162.0 cm **Weight:** 69.0 kg **Measured:** 24-02-2024 11:11:43 (15 [SP 2])
Sex: Female **Ethnicity:** Asian **Analyzed:** 24-02-2024 11:11:44 (15 [SP 2])



Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	42.1	-	6.9	2,788	3,832	266
Legs	43.9	-	25.3	10,763	13,768	788
Trunk	43.0	-	32.9	13,855	18,340	657
Android	45.3	-	5.0	2,234	2,700	46
Gynoid	46.9	-	11.4	5,238	5,923	197
Total	42.1	-	69.1	28,189	38,731	2,164

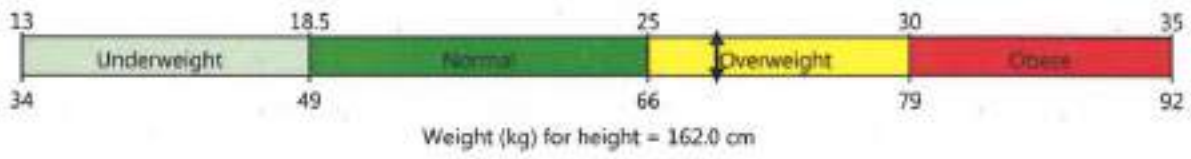
USA (Lunar) Reference Chart: No reference data for Total Body (Total) region.
USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
24-02-2024	35.4	42.1	-	69.1	66,920	28,189	38,731	2,164	40,895

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
24-02-2024	35.4	45.3	46.9	0.96	42.1	

World Health Organization BMI Classification
 BMI = 26.3 (kg/m²)



COMMENTS:

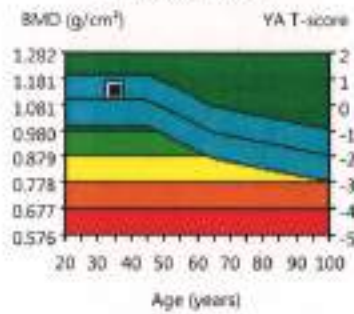
DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 98% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v11.1); Composition Matched for Age
 Date created: 02-04-2024 16:32:20 15 [SP 2]; Filename: 17k9s7jk.dfb; Total Body: 76.015153.0431.4 0.00-1.00 4.81x13.01 12.0%Fat=42.1%; 0.00;0.00 0.00;0.00; Scan Mode: Standard; 0.4 µGy

Patient:	JAYAPRABA, MOHAN		Referring Physician:	(not specified)	
Birth Date:	22-09-1988	Age:	35.4 years	Patient ID:	CSSH09000434855
Height:	162.0 cm	Weight:	69.0 kg	Measured:	24-02-2024 11:11:43 [15 [SP 2]]
Sex:	Female	Ethnicity:	Asian	Analyzed:	24-02-2024 11:11:44 [15 [SP 2]]



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.997	-	-
Arms	0.845	-	-
Legs	1.172	-	-
Trunk	0.946	-	-
Ribs	0.772	-	-
Spine	1.037	-	-
Pelvis	1.058	-	-
Total	1.134	0.5	0.4

Statistically 68% of repeat scans fall within 3SD (± 0.030 g/cm³ for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (N113); Matched for Age, Weight (females: 25-100 kg), Ethnic

Date created: 02-04-2024 16:32:03 15 [SP 2]; Filename: 171c9c7jk.dfb; Total Body; 76.0.15 153.06:31.4 0.00-1.00 4.83x13.01 12.0%Fat=42.1%; 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 μ Gy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELANBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: AJAYA GHOSH NS
Patient ID: CARE093951527 Birth Date: 14-04-1999 Height: 166.0 cm
Sex: Male Measured: 10-01-2024 Weight: 66.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.234 g/cm² with a T-score of 0.3 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	10-01-2024	24.7	0.9 Z-score	0.3	1.234 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in January 2026

(not specified)

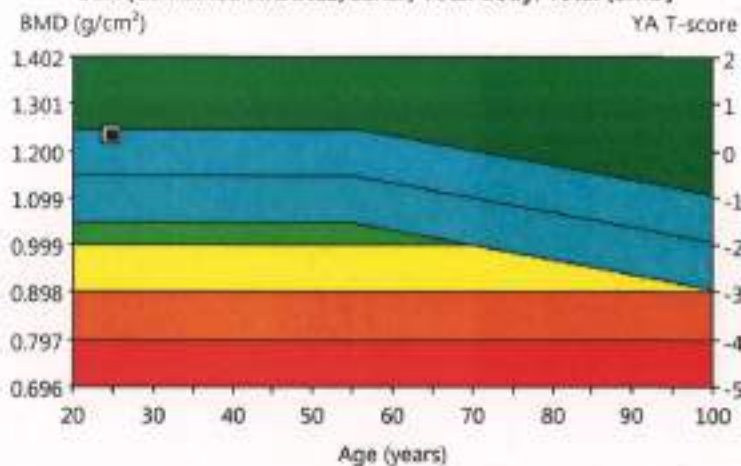

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient: . AJAYA GHOSH NS	Referring Physician: (not specified)
Birth Date: 14-04-1999	Age: 24.7 years
Height: 166.0 cm	Weight: 66.0 kg
Sex: Male	Ethnicity: White
	Patient ID: CARE093951527
	Measured: 10-01-2024 10:28:28 (15 [SP 2])
	Analyzed: 10-01-2024 10:29:19 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)			
Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.131	-	-
Arms	0.766	-	-
Legs	1.328	-	-
Trunk	1.154	-	-
Ribs	0.918	-	-
Spine	1.186	-	-
Pelvis	1.354	-	-
Total	1.234	0.3	0.9

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

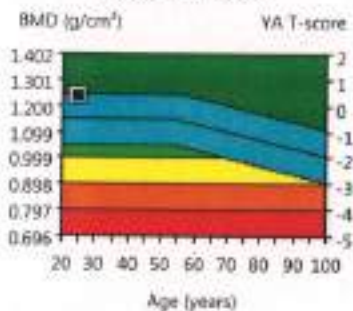
Statistically 95% of repeat scans fall within 1SD (± 0.010 g/cm³) for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (v11.1), Matched for Age, Weight (males 25-100 kg), Ethnic.

Date created: 02-04-2024 15:58:29 15 [SP 2] Filename: k6117-tjkdjfb, Total Body, 760.15.153.043L4 0.00-1.00 4.8Lx13.0L 10.8%Fat=21.7%, 0.000.00 0.00.0.00; Scan Mode: Standard; 0.4 μ Sy.

Patient:	AJAYA GHOSH NS		Referring Physician:	(not specified)	
Birth Date:	14-04-1999	Age:	24.7 years	Patient ID:	CARE093951527
Height:	166.0 cm	Weight:	66.0 kg	Measured:	10-01-2024 10:28:28 (15 (SP 2))
Sex:	Male	Ethnicity:	White	Analyzed:	10-01-2024 10:29:19 (15 (SP 2))



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.131	-	-
Arms	0.766	-	-
Legs	1.328	-	-
Trunk	1.154	-	-
Ribs	0.918	-	-
Spine	1.186	-	-
Pelvis	1.354	-	-
Total	1.234	0.3	0.9

Statistically 68% of repeat scans fall within 1SD (+ 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (M113); Matched for Age, Weight (males 25-100 kg), Ethnic

Date created: 02-04-2024 15:58:22.15 (SP 2); Filename: 6417b7jkd.f0; Total Body: 79.015;153.04;31.4 0.00-1.00 4.81x13.01 30.8%Fat=21.7%; 0.00;0.00 0.00;0.00; Scan Mode: Standard; 0.4 uHy

↓

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

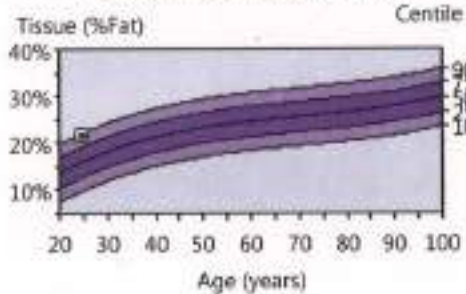
Patient: AJAYA GHOSH NS
Referring Physician: (not specified)
Birth Date: 14-04-1999 **Age:** 24.7 years **Patient ID:** CARE093951527
Height: 166.0 cm **Weight:** 65.0 kg **Measured:** 10-01-2024 10:28:28 (15 [SP 2])
Sex: Male **Ethnicity:** White **Analyzed:** 10-01-2024 10:29:19 (15 [SP 2])

Total Body Tissue Quantization

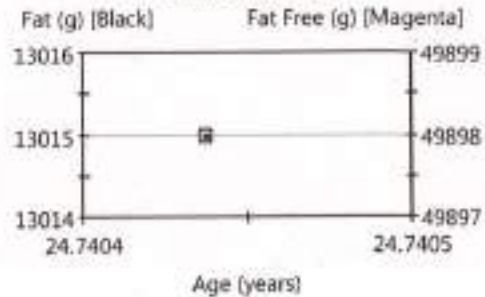


Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	21.6	-	7.9	1,619	5,872	377
Legs	20.4	-	23.0	4,452	17,393	1,105
Trunk	22.9	-	27.6	6,111	20,631	842
Android	22.6	-	3.9	874	3,000	48
Gynoid	20.9	-	10.1	2,045	7,727	279
Total	21.7	88	62.9	13,015	47,075	2,824

USA (Lunar) Total Body: Total



Total Body: Total

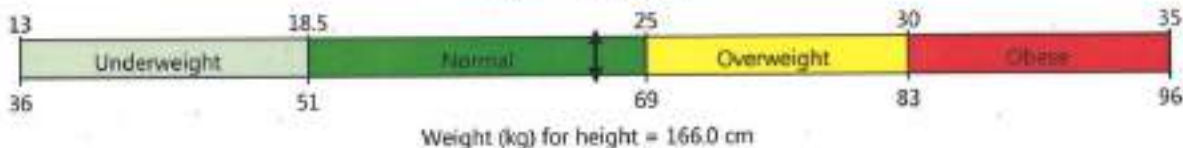


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
10-01-2024	24.7	21.7	88	62.9	60,090	13,015	47,075	2,824	49,898

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)					
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
10-01-2024	24.7	22.6	20.9	1.08	21.7

World Health Organization BMI Classification

BMI = 24.0 (kg/m²)



COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population

(V113); Composition Matched for Age
 Date created: 02-04-2024 15:58:55 15 [SP 2]; Filename: i641767jk.dfb; Total Body: 70.015133.04:11.4 0.00 -1.00 4.81±13.01 10.8 %Fat=21.7%; 0.00:0.00:0.00:0.00; Scan Mode: Standard; 0.4 µGy
 Lunar Prodigy Advance PA+351920

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	T.S. MEENAKSHI	Birth Date:	07-02-1957	Height:	156.0 cm
Patient ID:	SRVPT53463	Measured:	10-01-2024	Weight:	64.0 kg
Sex:	Female	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 1.001 g/cm² with a T-score of -0.8 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	10-01-2024	66.9	0.6 Z-score	-0.8	1.001 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

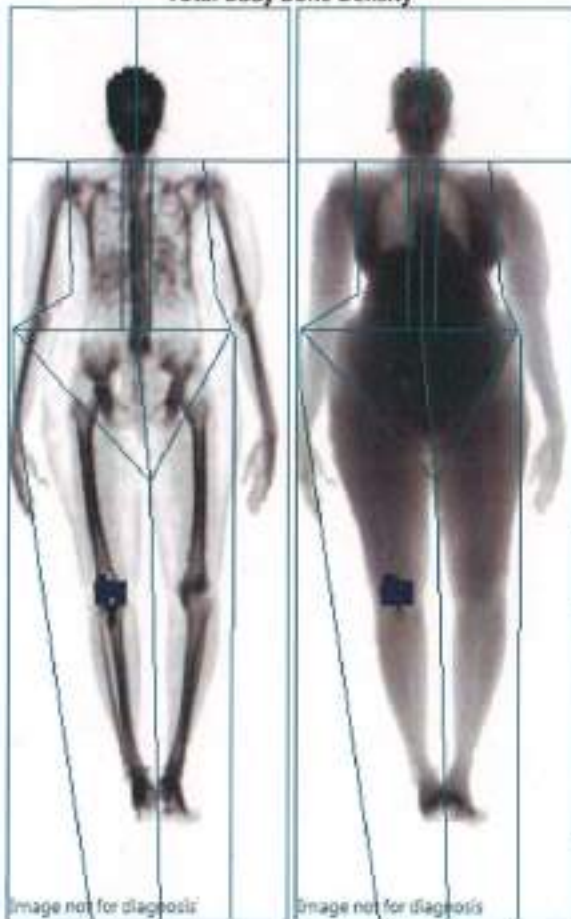
Based on these results, a follow-up exam is recommended in January 2026

(not specified)

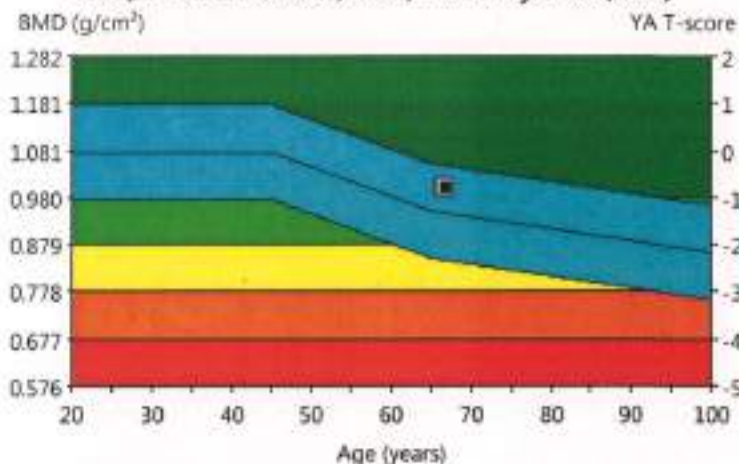

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient: T.S. MEENAKSHI	Age: 66.9 years	Referring Physician: (not specified)
Birth Date: 07-02-1957	Weight: 64.0 kg	Patient ID: SRVPT53463
Height: 156.0 cm	Ethnicity: White	Measured: 10-01-2024 10:53:48 (15 [SP 2])
Sex: Female		Analyzed: 10-01-2024 10:53:49 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.110	-	-
(a) Arms	0.691	-	-
Legs	1.058	-	-
Trunk	0.800	-	-
Ribs	0.701	-	-
Spine	0.983	-	-
Pelvis	0.789	-	-
(a) Total	1.001	-0.8	0.6

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

(a) - Estimated; Statistically 68% of repeat scans fall within 1SD (± 0.030 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-10) / Lunar (ages 20-80) Total Body Reference Population (n=113) Matched for Age, Weight (females 25-100 kg), Ethnic

Date created: 02-04-2024 10:00:25:15 [SP 2] Filename: p651757jk.dft; Total Body: 76.0.15:352.04:31.4 0.00-1.00 4.81x13.01 11.1%Fat=48.9%; 0.00:0.00:0.00:0.00; Scan Mode: Standard; 0.4 μ Gy

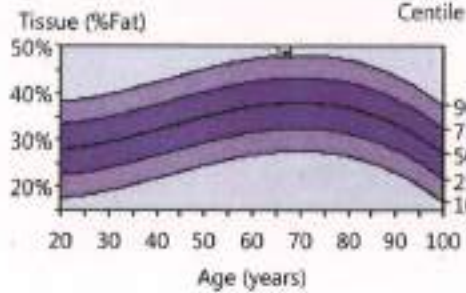
Patient: T.S, MEENAKSHI	Referring Physician: (not specified)	
Birth Date: 07-02-1957	Age: 66.9 years	Patient ID: SRVPTS3463
Height: 156.0 cm	Weight: 64.0 kg	Measured: 10-01-2024 10:53:48 (15 [SP 2])
Sex: Female	Ethnicity: White	Analyzed: 10-01-2024 10:53:49 (15 [SP 2])

Total Body Tissue Quantitation

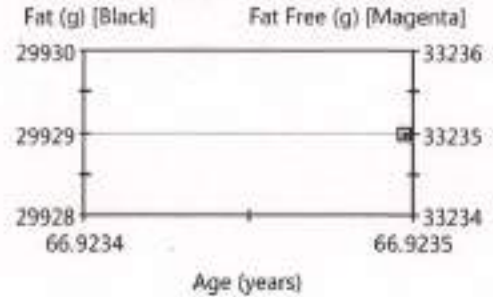


Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
(x) Arms	53.3	-	7.6	3,876	3,392	290
Legs	51.9	-	22.3	11,201	10,391	730
Trunk	48.2	-	29.8	14,154	15,197	497
Android	49.6	-	4.2	2,082	2,120	43
Gynoid	50.3	-	9.7	4,805	4,743	166
(e) Total	48.9	92	63.2	29,929	31,308	1,927

USA (Lunar) Total Body: Total



Total Body: Total

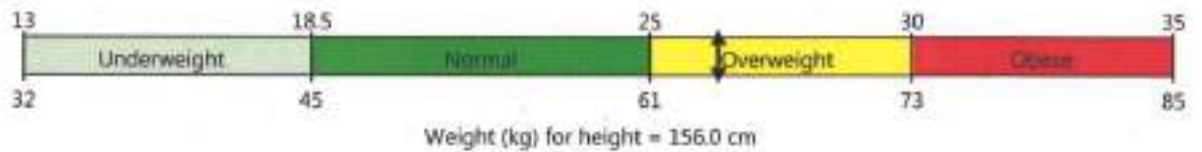


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
(e) 10-01-2024	66.9	48.9	92	63.2	61,236	29,929	31,308	1,927	33,235

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)					
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
(e) 10-01-2024	66.9	49.6	50.3	0.98	48.9

World Health Organization BMI Classification

BMI = 26.3 (kg/m²)



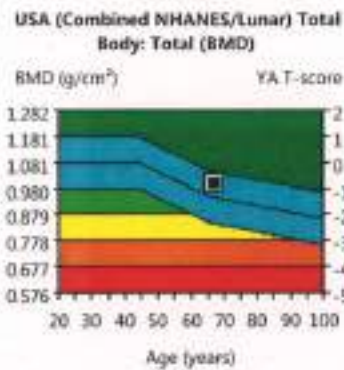
COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

(e) - Estimated: Statistically 68% of repeat scans fall within 1SD (+ 0.8 % Fat, +210 g Tissue Mass, +520 g Fat Mass, +610 g Lean Mass for Total Body Total) USA (Lunar) Total Body Composition Reference Population (x113); Composition Matched for Age

Date created: 02-04-2024 16:00:34.15 [SP 2]; Filename: p851757jk.dfb; Total Body: 76.015:153.04:31.4 0.00:1.00 4.81:13.01 11.1:9%fat=48.9% 0.00.000.0.000.0.00. Scan Mode: Standard; 0.4 µCy

Patient:	T.S. MEENAKSHI		Referring Physician:	(not specified)	
Birth Date:	07-02-1957	Age:	66.9 years	Patient ID:	SRVPT53463
Height:	156.0 cm	Weight:	64.0 kg	Measured:	10-01-2024 10:53:48 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	10-01-2024 10:53:49 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.110	-	-
(R) Arms	0.691	-	-
Legs	1.058	-	-
Trunk	0.800	-	-
Ribs	0.701	-	-
Spine	0.983	-	-
Pelvis	0.789	-	-
(W) Total	1.001	-0.8	0.6

(e) - Estimated. Statistically 68% of repeat scans fall within 1SD (± 0.030 g/cm³ for Total Body Total). USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (v113). Matched for Age, Weight (females 25-100 kg), Ethnic.

Date created: 02-04-2024 16:00:15 (SP 2); Filename: pb537x7jk.dfb; Total Body: 76.0 15.153 04.31.4 0.00 -1.00 4.81x13.01 11.3 %Fat = 48.9%; 0.000 0.00 0.00 0.00; Scan Mode: Standard - 0.4 μ Gy

[Signature]
 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	KRISHNA DEVAN	24YRS,			
Patient ID:	CARE093951525	Birth Date:	04-08-1999	Height:	187.0 cm
Sex:	Male	Measured:	10-01-2024	Weight:	90.0 kg
Indications:		Fractures:		Treatments:	

ASSESSMENT:

The BMD measured at Total Body Total is 1.654 g/cm² with a T-score of 4.5 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	10-01-2024	24.4	4.0 Z-score	4.5	1.654 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

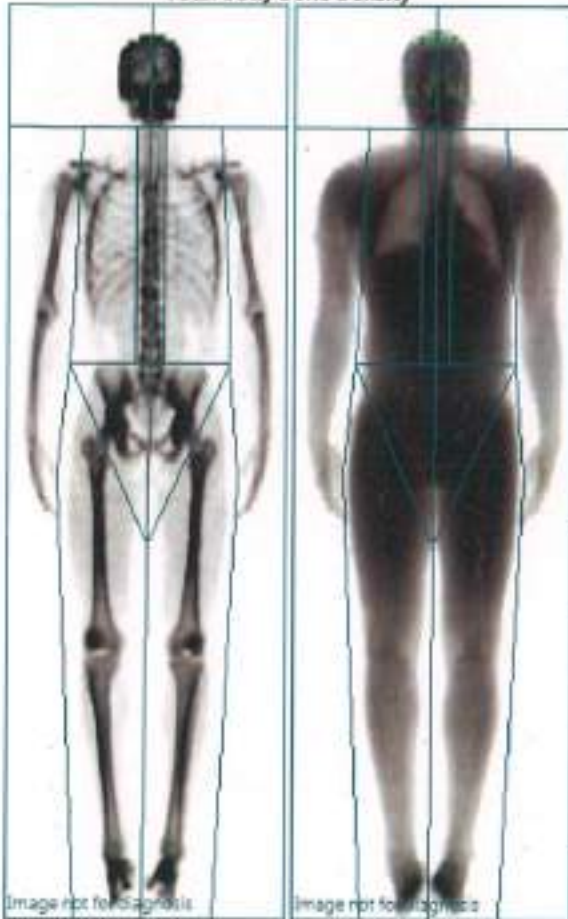
Based on these results, a follow-up exam is recommended in January 2026

(not specified)

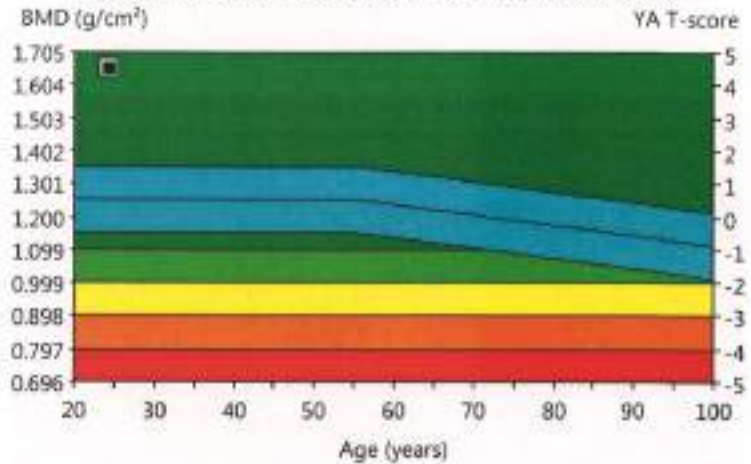

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	KRISHNA DEVAN 24YRS.		Referring Physician:	(not specified)	
Birth Date:	04-08-1999	Age:	24.4 years	Patient ID:	CARE093951525
Height:	187.0 cm	Weight:	90.0 kg	Measured:	10-01-2024 11:26:20 (15 [SP 2])
Sex:	Male	Ethnicity:	White	Analyzed:	10-01-2024 11:26:22 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.705	-	-
Arms	1.164	-	-
Legs	1.819	-	-
Trunk	1.483	-	-
Ribs	1.124	-	-
Spine	1.728	-	-
Pelvis	1.667	-	-
Total	1.654	4.5	4.0

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

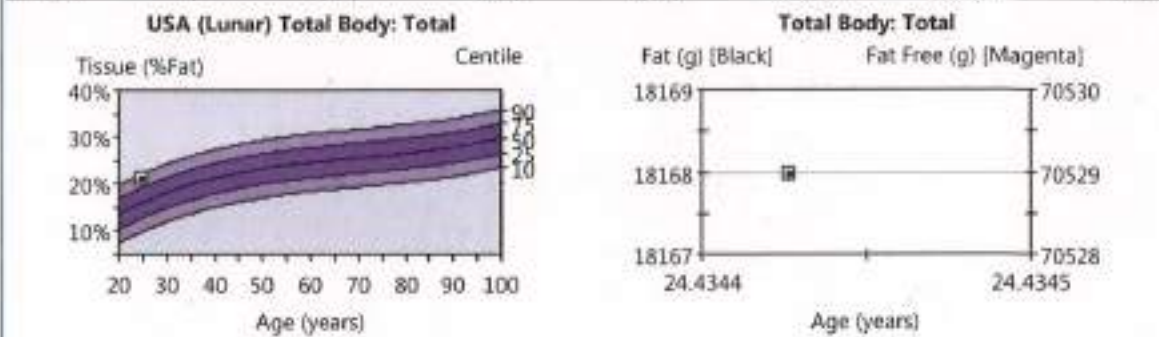
Statistically 98% of repeat scans fall within 1SD (± 0.010 g/cm³) for Total Body Total; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (v113); Matched for Age; Weight (males 25-100 kg); Ethnic

Date created: 02-04-2024 14:01:25 15 [SP 2]; Filename: 7v617v7jk.dfb; Total Body; 760.151530431.4 0.00-1.00 4.81x13.01 13.0%Fat=21.5%; 0000.00 0.000.00; Scan Mode: Standard; 0.4 μ Sy

Patient:	KRISHNA DEVAN 24YRS.		Referring Physician:	(not specified)	
Birth Date:	04-08-1999	Age:	24.4 years	Patient ID:	CARE093951525
Height:	187.0 cm	Weight:	90.0 kg	Measured:	10-01-2024 11:26:20 (15 [SP 2])
Sex:	Male	Ethnicity:	White	Analyzed:	10-01-2024 11:26:22 (15 [SP 2])



Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	19.0	-	11.7	2,116	9,037	589
Legs	19.5	-	32.1	5,943	24,485	1,643
Trunk	23.8	-	40.0	9,206	29,489	1,258
Android	26.4	-	5.8	1,517	4,233	87
Gynoid	19.2	-	14.5	2,709	11,385	419
Total	21.5	88	88.7	18,168	66,408	4,121



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
10-01-2024	24.4	21.5	88	88.7	84,576	18,168	66,408	4,121	70,529	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
10-01-2024	24.4	26.4	19.2	1.37	21.5	



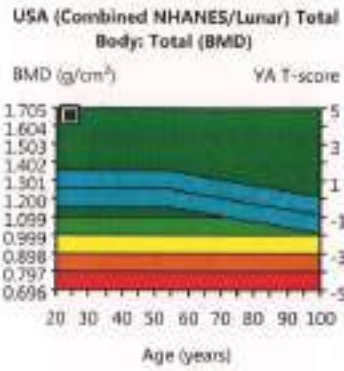
COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (+ 0.8 % Fat, +210 g Tissue Mass, +520 g Fat Mass, +610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v113); Composition Matched for Age

Date created: 02-04-2024 16:01:36 15 [SP 2]; Filename: 7v61767k.dft; Total Body: 760.15153 0431.4 0.00; 1.00 4.81<13.01 11.0 %Fat=21.5%; 0.000 0.0 0.000 0.0; Scan Mode: Standard; 0.4 µJy

Patient:	KRISHNA DEVAN 24YRS,	Referring Physician:	(not specified)
Birth Date:	04-08-1999	Age:	24.4 years
Height:	187.0 cm	Weight:	90.0 kg
Sex:	Male	Ethnicity:	White
		Patient ID:	CARE093951525
		Measured:	10-01-2024 11:26:20 (15 [SP 2])
		Analyzed:	10-01-2024 11:26:22 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.705	-	-
Arms	1.164	-	-
Legs	1.819	-	-
Trunk	1.483	-	-
Ribs	1.124	-	-
Spine	1.728	-	-
Pelvis	1.667	-	-
Total	1.654	4.5	4.0

Statistically 68% of repeat scans fall within 1SD (± 0.030 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-90)) Total Body Reference Population (v11.1); Matched for Age, Weight (males 25-100 kg), Ethnic

Date created: 02-04-2024 18:01:16.15 [SP 2]; Filename: 7v61707jkv0ft; Total Body: 76.0:15:153.04:31.4:0.00: 1.00 4.81x13.01 13.0%fat=21.5%; 0.00:0.00:0.00:0.00; Scan Mode: Standard; 0.4 μ Gy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: JAGADHAMBAL, SHANKAR
Patient ID: CARE093950851 Birth Date: 01-01-1953 Height: 150.0 cm
Sex: Female Measured: 10-01-2024 Weight: 45.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 0.746 g/cm² with a T-score of -3.3 is markedly low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	10-01-2024	71.0	-1.0 Z-score	-3.3	0.746 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

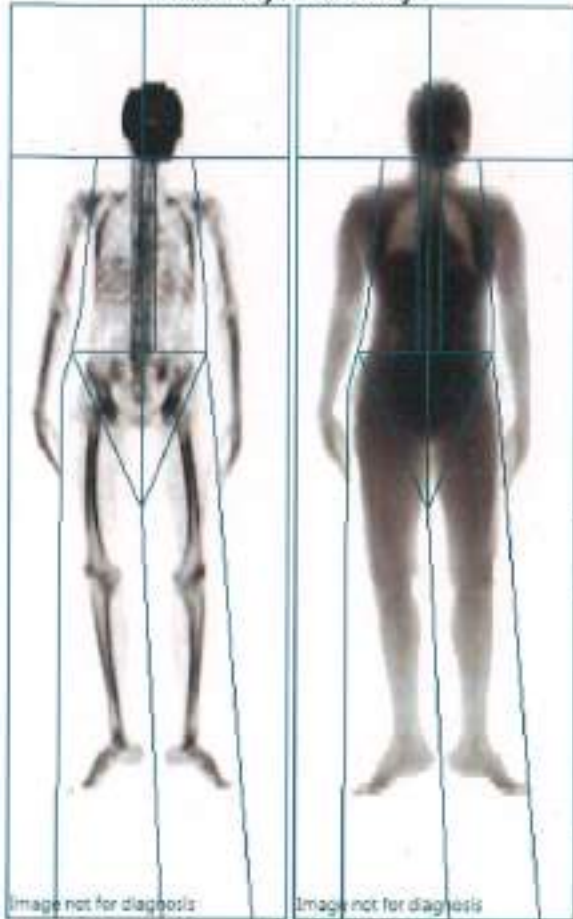
Based on these results, a follow-up exam is recommended in January 2025

(not specified)

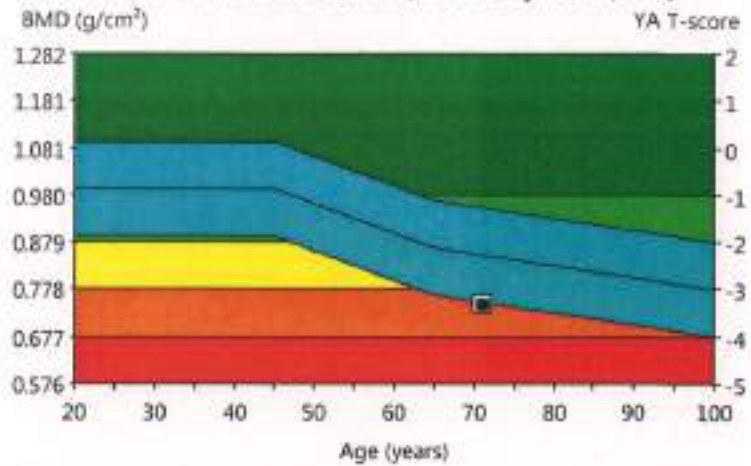

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	JAGADHAMBAL, SHANKAR		Referring Physician:	(not specified)	
Birth Date:	01-01-1953	Age:	71.0 years	Patient ID:	CARE093950851
Height:	150.0 cm	Weight:	45.0 kg	Measured:	10-01-2024 12:17:38 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	10-01-2024 12:17:40 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)

Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score
Head	1.786	-	-
Arms	0.548	-	-
Legs	0.679	-	-
Trunk	0.597	-	-
Ribs	0.491	-	-
Spine	0.695	-	-
Pelvis	0.631	-	-
Total	0.746	-3.3	-1.0

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm²) for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (v11.1): Matched for Age, Weight (females 25-100 kg), Ethnic:

Date created: 02-04-2024 16:02:08 15 [SP 2] filename: (5917c7)jd.dtb; Total Body: 760.15153.04314 000-1.004.81x13.01 9.4%Fat=32.1%; 0.000.00 0.000.00 Scan Mode: Standard; 0.4 μ g

Patient:	JAGADHAMBAL, SHANKAR		Referring Physician:	(not specified)	
Birth Date:	01-01-1953	Age:	71.0 years	Patient ID:	CARE093950851
Height:	150.0 cm	Weight:	45.0 kg	Measured:	10-01-2024 12:17:38 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	10-01-2024 12:17:40 (15 [SP 2])

Total Body Tissue Quantitation

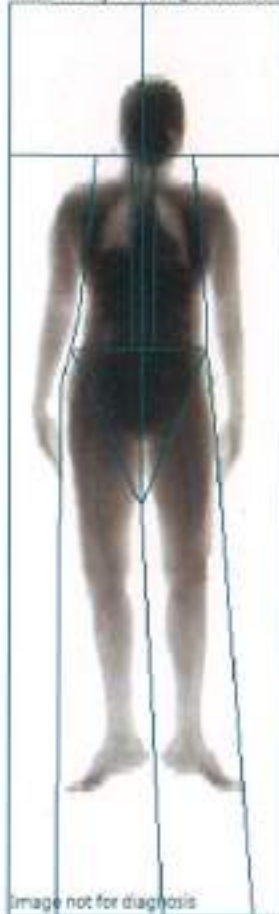
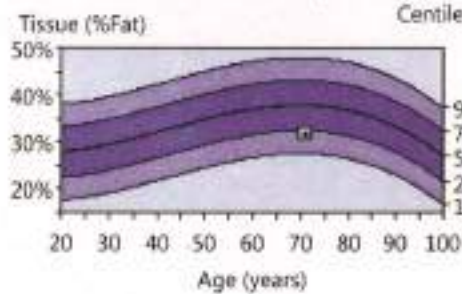


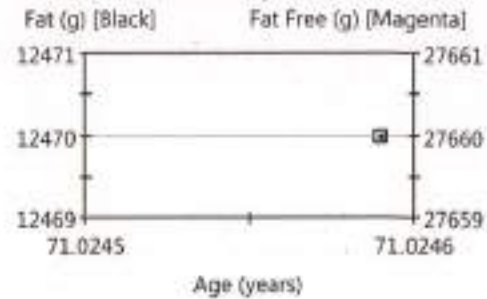
Image not for diagnosis

Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	35.3	-	5.1	1,734	3,181	173
Legs	36.0	-	11.7	4,082	7,245	399
Trunk	30.4	-	20.3	6,065	13,881	346
Android	30.2	-	3.0	884	2,041	26
Gynoid	38.2	-	6.0	2,251	3,638	110
Total	32.1	24	40.1	12,470	26,418	1,242

USA (Lunar) Total Body: Total



Total Body: Total

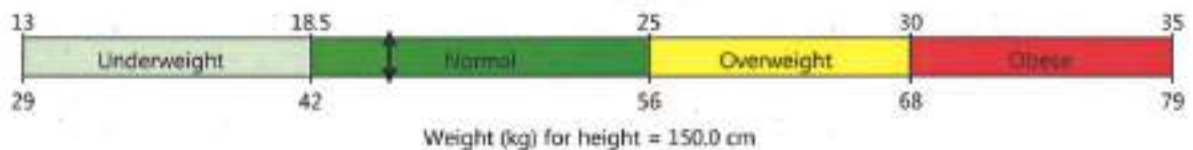


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
10-01-2024	71.0	32.1	24	40.1	38,888	12,470	26,418	1,242	27,660

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)					
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
10-01-2024	71.0	30.2	38.2	0.79	32.1

World Health Organization BMI Classification

BMI = 20.0 (kg/m²)



COMMENTS:

Statistically 68% of repeat scans fall within 1SD ($\pm 0.8\%$ fat, ± 710 g Tissue Mass, ± 520 g Fat Mass, ± 610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v113); Composition Matched for Age

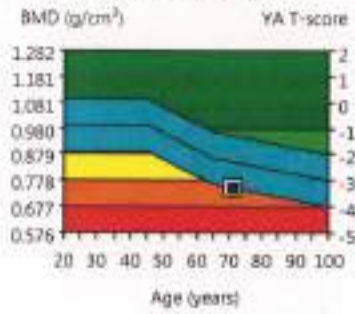
Date created: 02-04-2024 16:02:21.15 [SP 2]; Filename: 1591757jk.dfb; Total Body: 7001315304314 0.00-1.00-4.81x1.01 9.4%Fat=32.1%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 μ Gy

[Handwritten Signature]
 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 VELAMBAKKAM

Patient:	JAGADHAMBAL, SHANKAR		Referring Physician:	(not specified)	
Birth Date:	01-01-1953	Age:	71.0 years	Patient ID:	CARE093950851
Height:	150.0 cm	Weight:	45.0 kg	Measured:	10-01-2024 12:17:38 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	10-01-2024 12:17:40 (15 [SP 2])



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	1.786	-	-
Arms	0.548	-	-
Legs	0.679	-	-
Trunk	0.597	-	-
Ribs	0.491	-	-
Spine	0.695	-	-
Pelvis	0.631	-	-
Total	0.746	-3.3	-1.0

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (M111); Matched for Age, Weight (females 25-300 kg), Ethnic

Date created: 02-04-2024 18:01:58 15 [SP 2] Filename: 0917s7k.dfb; Total Body: 750.15153.04.31.4 0.00 -1.00 4.81x17.01 9.4%fat=52.1%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 µGy


 DEPARTMENT OF RADIOLOGY
 CHETTMAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: CHITHRA 43YRS
Patient ID: CARE092661693 Birth Date: 10-05-1980 Height: 156.0 cm
Sex: Female Measured: 11-01-2024 Weight: 54.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.084 g/cm² with a T-score of 0.0 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	11-01-2024	43.6	0.5 Z-score	0.0	1.084 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

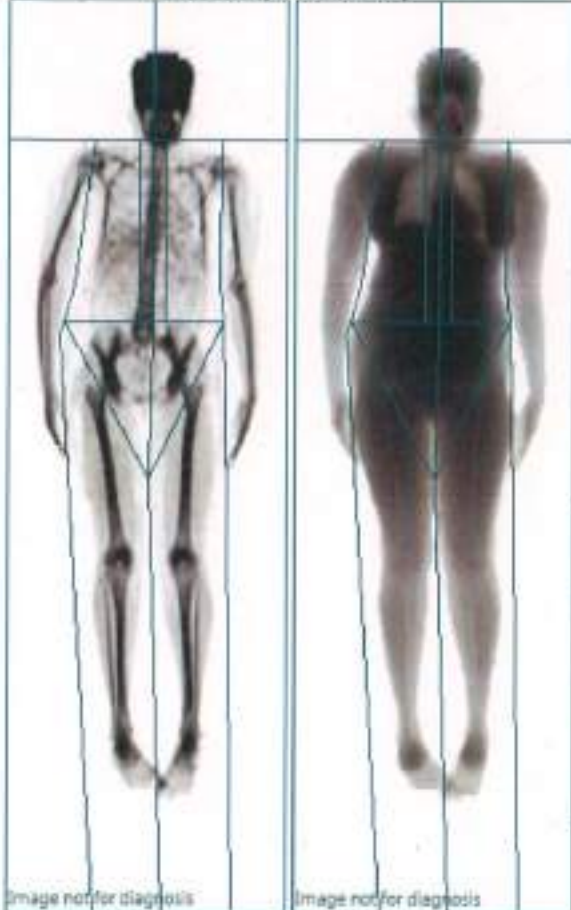
Based on these results, a follow-up exam is recommended in January 2026

(not specified)

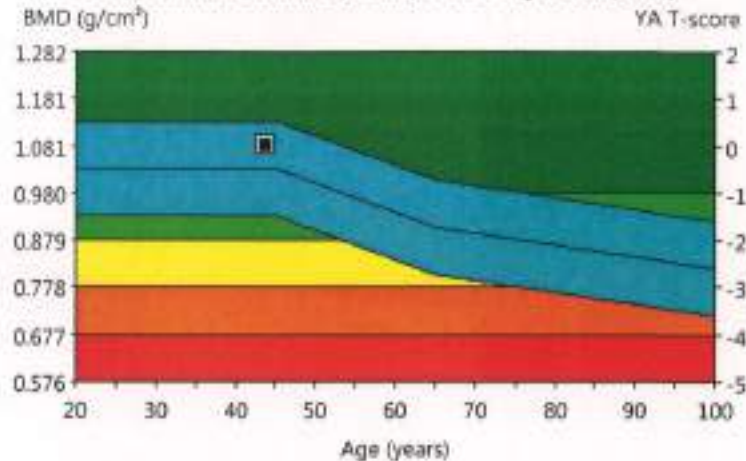

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMAJAKKAM

Patient: CHITHRA 43YRS	Referring Physician: (not specified)
Birth Date: 10-05-1980	Patient ID: CARE092661693
Age: 43.6 years	Measured: 11-01-2024 12:06:20 (15 [SP 2])
Height: 156.0 cm	Analyzed: 11-01-2024 12:06:21 (15 [SP 2])
Sex: Female	
Weight: 54.0 kg	
Ethnicity: White	

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.052	-	-
Arms	0.814	-	-
Legs	1.059	-	-
Trunk	0.898	-	-
Ribs	0.716	-	-
Spine	1.031	-	-
Pelvis	0.999	-	-
Total	1.084	0.0	0.5

COMMENTS:

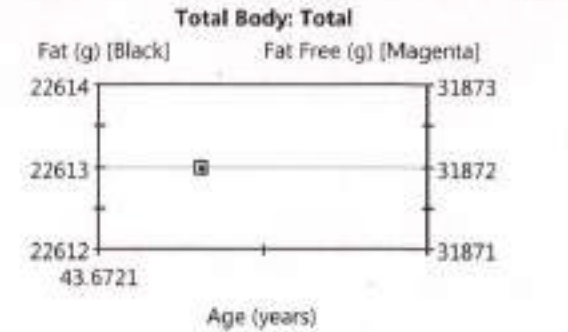
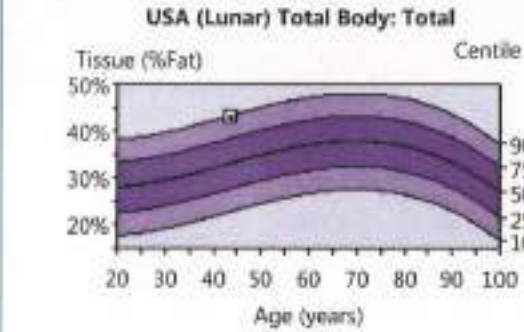

 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³) for Total Body Total, USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (x11), Matched for Age, Weight (females 25-100 kg), Ethnic.

Patient:	CHITHRA 43YRS	Referring Physician:	(not specified)
Birth Date:	10-05-1980	Age:	43.6 years
Height:	156.0 cm	Weight:	54.0 kg
Sex:	Female	Ethnicity:	White
		Patient ID:	CARE092661693
		Measured:	11-01-2024 12:06:20 (15 [SP 2])
		Analyzed:	11-01-2024 12:06:21 (15 [SP 2])

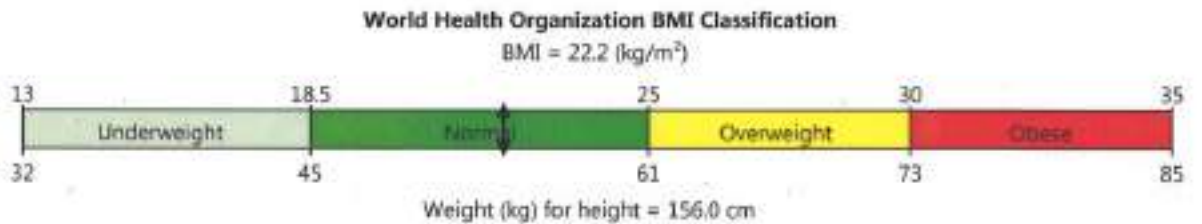


Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	41.5	-	6.2	2,674	3,331	235
Legs	40.3	-	17.0	6,606	9,770	647
Trunk	46.5	-	27.6	12,576	14,495	514
Android	48.5	-	4.0	1,907	2,027	31
Gynoid	42.6	-	7.7	3,216	4,342	151
Total	42.9	89	54.5	22,613	30,053	1,818



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
11-01-2024	43.6	42.9	89	54.5	52,666	22,613	30,053	1,818	31,872	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
11-01-2024	43.6	48.5	42.6	1.14	42.9	



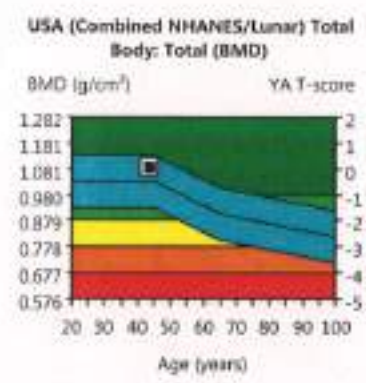
COMMENTS:

[Signature]
 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 ERILADIBHAKAM

Statistically 68% of repeat scans fall within 1SD (+ 0.8 % Fat, +270 g Tissue Mass, +520 g Fat Mass, +610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v11.1); Composition Matched for Age

Date created: 02-04-2024 10:03:22 15 [SP 2]; Filename: 8d33573jk.dft; Total Body: 76.0;15;153.04;31.4;0.00;-1.00;4.81;13.01;11.1;%Fat=42.9%;0.000;0.00;0.000;0.00; Scan Mode: Standard; 0.4 µGy

Patient: J. CHITHRA 43YRS	Referring Physician: (not specified)
Birth Date: 10-05-1980	Age: 43.6 years
Height: 156.0 cm	Weight: 54.0 kg
Sex: Female	Ethnicity: White
	Patient ID: CARE092661693
	Measured: 11-01-2024 12:06:20 (15 [SP 2])
	Analyzed: 11-01-2024 12:06:21 (15 [SP 2])



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.052	-	-
Arms	0.814	-	-
Legs	1.059	-	-
Trunk	0.898	-	-
Ribs	0.716	-	-
Spine	1.031	-	-
Pelvis	0.999	-	-
Total	1.084	0.0	0.5

Statistically 98% of repeat scans fall within 1SD (± 0.010 g/cm³) for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (v1113); Matched for Age, Weight (females 25-100 kg), Drink.

Date created: 02-04-2024 16:02:49 15 [SP 2]; Filename: 6d33757jk.dfx; Total Body: 76:0.15:153.04:31.4:0.00:-1.00:4.81x13.01:11.1%;Fat=42.9%; 0.00:0.00:0.00:0.00; Scan Mode: Standard; 0.4 µGy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: SUMATHI.D 53YRS,
Patient ID: CSSH09000403440 Birth Date: 15-05-1969 Height: 155.0 cm
Sex: Female Measured: 17-01-2024 Weight: 60.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.023 g/cm² with a T-score of -0.6 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	17-01-2024	54.6	0.3 Z-score	-0.6	1.023 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

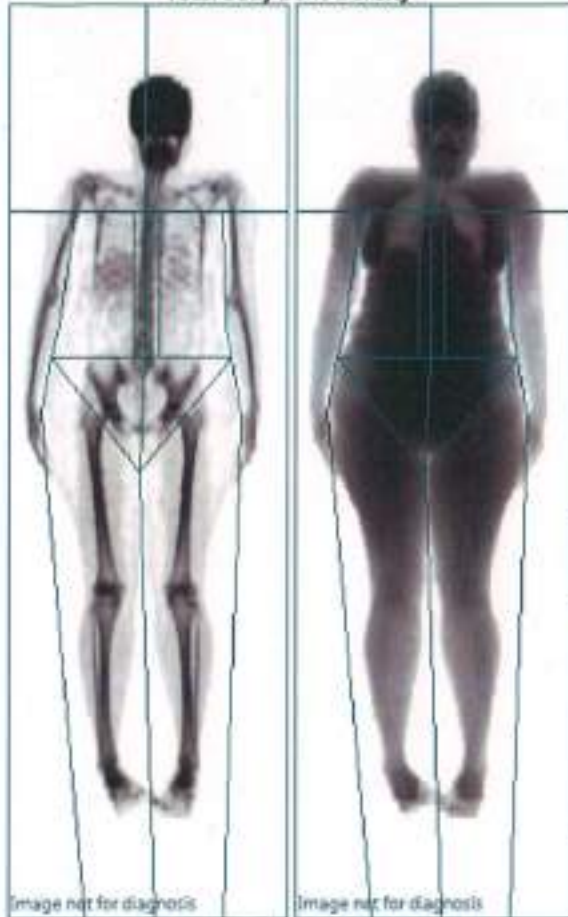
Based on these results, a follow-up exam is recommended in January 2026

(not specified)

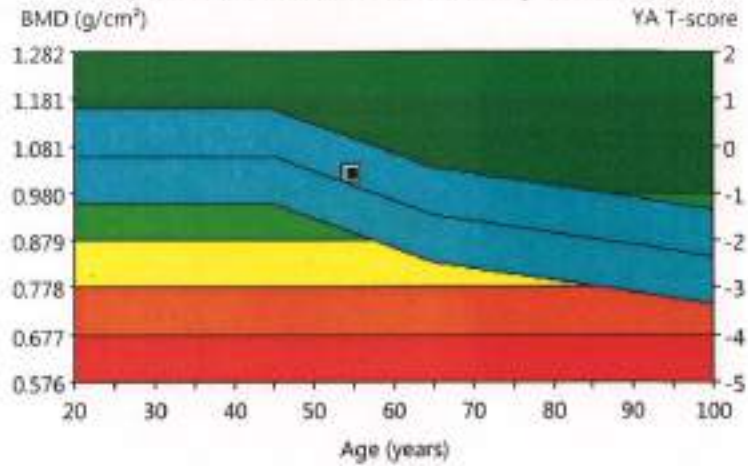

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKAM

Patient: SUMATHI.D 53YRS.	Referring Physician: (not specified)
Birth Date: 15-05-1969	Age: 54.6 years
Height: 155.0 cm	Weight: 60.0 kg
Sex: Female	Ethnicity: White
	Patient ID: CSSH09000403440
	Measured: 17-01-2024 12:14:48 (15 [SP 2])
	Analyzed: 17-01-2024 12:14:51 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)			
Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.577	-	-
Arms	0.809	-	-
Legs	1.006	-	-
Trunk	0.743	-	-
Ribs	0.590	-	-
Spine	0.845	-	-
Pelvis	0.797	-	-
Total	1.023	-0.6	0.3

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

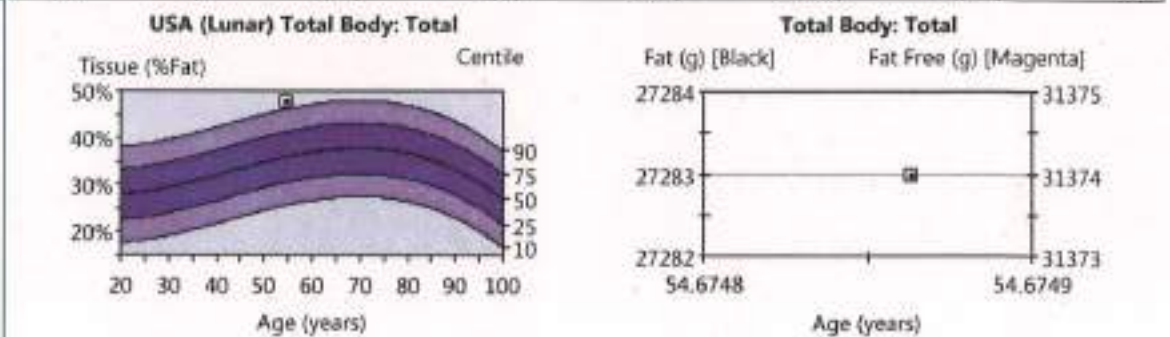
Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (n113); Matched for Age, Weight (females 25-100 kg), Ethnic

Date created: 02-04-2024 16:05:35 15 [SP 2] Filename: x7e7s7jkoff; Total Body: 760.15153.04.31.4 0.00-1.00 4.81x1.01 11.2%Fat=47.9%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 µSv
 Lunar Prodigy Advance
 PA-351920

Patient: SUMATHILD 53YRS,	Referring Physician: (not specified)
Birth Date: 15-05-1969	Age: 54.6 years
Height: 155.0 cm	Weight: 60.0 kg
Sex: Female	Ethnicity: White
	Patient ID: CSSH09000403440
	Measured: 17-01-2024 12:14:48 (15 [SP 2])
	Analyzed: 17-01-2024 12:14:51 (15 [SP 2])

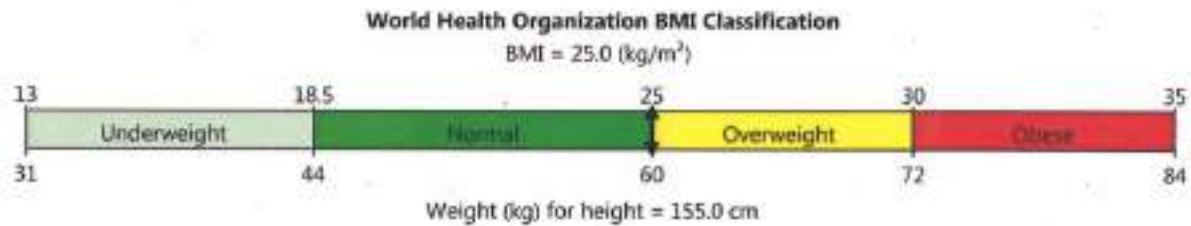


Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	47.8	-	3.7	1,694	1,849	168
Legs	50.5	-	22.5	11,017	10,819	661
Trunk	52.6	-	24.6	12,753	11,500	342
Android	58.9	-	3.6	2,088	1,457	24
Gynoid	53.2	-	7.8	4,053	3,565	136
Total	47.9	93	58.7	27,283	29,677	1,696



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
17-01-2024	54.6	47.9	93	58.7	56,961	27,283	29,677	1,696	31,374	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
17-01-2024	54.6	58.9	53.2	1.11	47.9	



COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

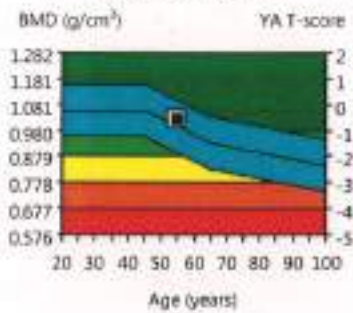
Statistically 68% of repeat scans fall within 1SD ($\pm 0.8\%$ Fat, ± 210 g Tissue Mass, ± 520 g Fat Mass, ± 610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v11.7); Composition Matched for Age

Patient: SUMATHILD 53YRS,	Referring Physician: (not specified)
Birth Date: 15-05-1969	Age: 54.6 years
Height: 155.0 cm	Weight: 60.0 kg
Sex: Female	Ethnicity: White
	Patient ID: CSSH09000403440
	Measured: 17-01-2024 12:14:48 (15 [SP 2])
	Analyzed: 17-01-2024 12:14:51 (15 [SP 2])



Image not for diagnosis

USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.577	-	-
Arms	0.809	-	-
Legs	1.006	-	-
Trunk	0.743	-	-
Ribs	0.590	-	-
Spine	0.845	-	-
Pelvis	0.797	-	-
Total	1.023	-0.6	0.3

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (x113); Matched for Age, Weight (females 25-100 kg), Ethnic

Date created: 02-04-2024 16:05:17.15 [SP 2] Filename: a7e7s7jk.dft; Total Body: 76.015;153.043;1.4 0.00-1.00 4.61x13.01 11.2%Fat=47.9%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 μ Ry


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	R.S. ADARASH	Birth Date:	19-03-2002	Height:	166.0 cm
Patient ID:	CARE093844656	Measured:	18-01-2024	Weight:	55.0 kg
Sex:	Male	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 1.255 g/cm² with a T-score of 0.5 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	18-01-2024	21.8	1.5 Z-score	0.5	1.255 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

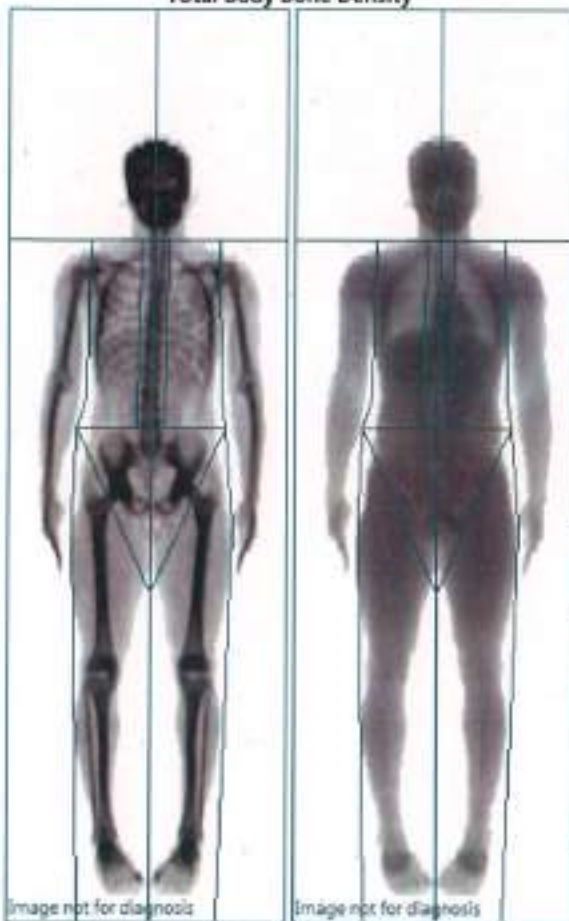
Based on these results, a follow-up exam is recommended in January 2026.

(not specified)

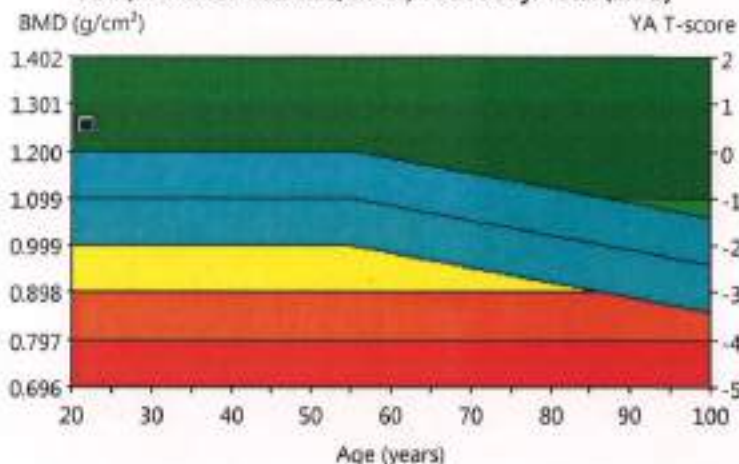

DEPARTMENT OF RADIOLOGY
CHETTIYAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	R.S. ADARASH	Referring Physician:	(not specified)
Birth Date:	19-03-2002	Age:	21.8 years
Height:	166.0 cm	Weight:	55.0 kg
Sex:	Male	Ethnicity:	Asian
		Patient ID:	CARE093844656
		Measured:	18-01-2024 11:18:09 (15 [SP 2])
		Analyzed:	18-01-2024 11:22:43 (15 [SP 2])

Total Body Bone Density




USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.081	-	-
Arms	0.949	-	-
Legs	1.351	-	-
Trunk	1.028	-	-
Ribs	0.884	-	-
Spine	0.993	-	-
Pelvis	1.181	-	-
Total	1.255	0.5	1.5

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTMAD HOSPITAL & RESEARCH CENTRE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³) for Total Body Total; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (N=113), Matched for Age, Sex, Weight (males 25-100 kg), Ethnic:

Data created: 02-04-2024 16:08:27 15 [SP 2] Filename: 3ef717jk.dfb. Total Body: 76.0 15.153 0431.4 0.02:1.00 4.81x13.01 10.6%Fat=18.3%; 0.000.00 0.000.00; Scan Mode: Standard. 0.4 μ Sy

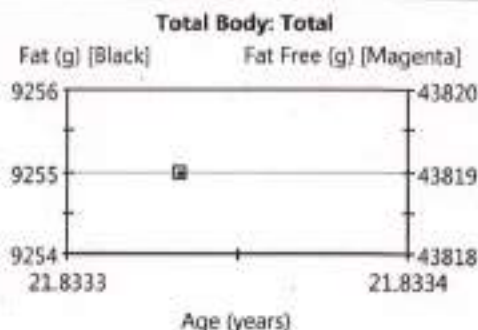
Patient: R.S. ADARASH	Referring Physician: (not specified)
Birth Date: 19-03-2002	Age: 21.8 years
Height: 166.0 cm	Weight: 55.0 kg
Sex: Male	Ethnicity: Asian
	Patient ID: CARE093844656
	Measured: 18-01-2024 11:18:09 (15 [SP 2])
	Analyzed: 18-01-2024 11:22:43 (15 [SP 2])

Total Body Tissue Quantitation



Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	17.1	-	6.4	1,038	5,028	299
Legs	17.2	-	17.9	2,917	14,075	949
Trunk	18.9	-	24.5	4,502	19,258	707
Android	19.2	-	3.1	585	2,467	38
Gynoid	16.1	-	8.3	1,288	6,733	272
Total	18.3	-	53.1	9,255	41,399	2,420

USA (Lunar) Reference Chart: No reference data for Total Body [Total] region.
 USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.

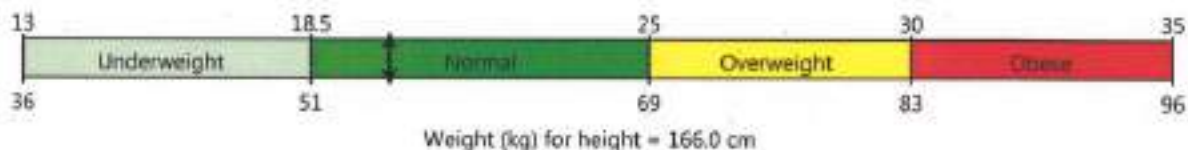


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
18-01-2024	21.8	18.3	-	53.1	50,654	9,255	41,399	2,420	43,819

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)					
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
18-01-2024	21.8	19.2	16.1	1.19	18.3

World Health Organization BMI Classification

BMI = 20.0 (kg/m²)

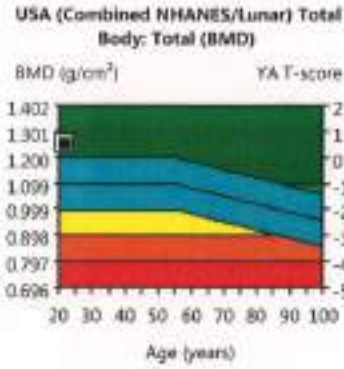


COMMENTS:

[Signature]
 DEPARTMENT OF RADIOLOGY
 CHETTIHAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 98% of repeat scans fall within 1SD ± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total; USA (Lunar) Total Body Composition Reference Population (v1.13); Composition Matched for Age
 Date created: 02-04-2024 16:08:48 15 [SP 2]; Filename: 31z17y7jz1f8; Total Body: 76:0.15153.0431.4 0.00-1.00 4.81±13.01 10.6%Fat=18.3%, 0.00 0.00 0.00 0.00; Scan Mode: Standard, 0.4 µGy

Patient:	R.S, ADARASH		Referring Physician:	(not specified)	
Birth Date:	19-03-2002	Age:	21.8 years	Patient ID:	CARE093844656
Height:	166.0 cm	Weight:	55.0 kg	Measured:	18-01-2024 11:18:09 (15 [SP 2])
Sex:	Male	Ethnicity:	Asian	Analyzed:	18-01-2024 11:22:43 (15 [SP 2])



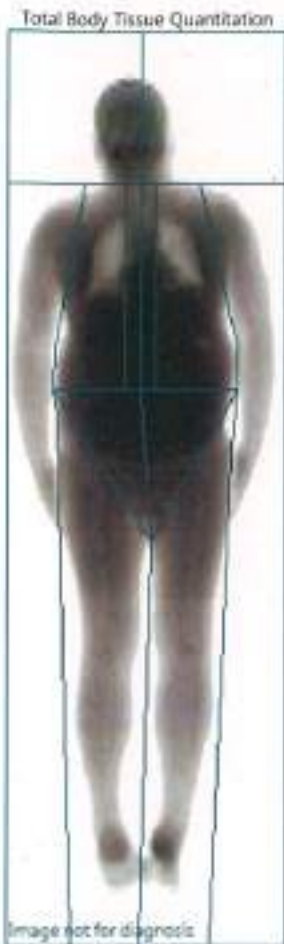
Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.081	-	-
Arms	0.949	-	-
Legs	1.351	-	-
Trunk	1.028	-	-
Ribs	0.884	-	-
Spine	0.993	-	-
Pelvis	1.181	-	-
Total	1.255	0.5	1.5

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total). USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (n113); Matched for Age, Weight (males 25-100 kg), Ethnic

Date created: 02-09-2024 16:08:19.15 [SP 2]; Filename: 3rd7sTjk.dfb; Total Body: 76.015153.04:31.4 0.00-1.00 4.8Lx13.0L 10.6%Fat=18.3%, 0.000.00 0.000.00; Scan Mode: Standard; 0.4 μ Gy

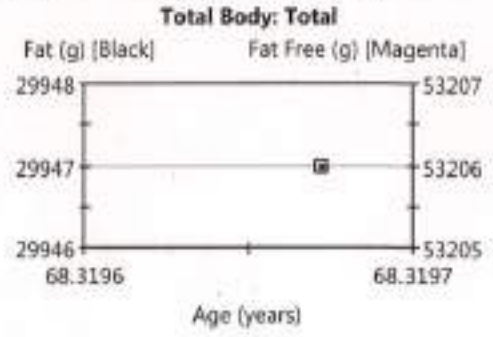

 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Patient:	SUBRAMANIYAN,		Referring Physician:	(not specified)	
Birth Date:	13-10-1955	Age:	68.3 years	Patient ID:	CSSH09000433856
Height:	167.0 cm	Weight:	82.0 kg	Measured:	07-02-2024 12:09:21 [15 [SP 2]]
Sex:	Male	Ethnicity:	Asian	Analyzed:	07-02-2024 12:09:23 [15 [SP 2]]



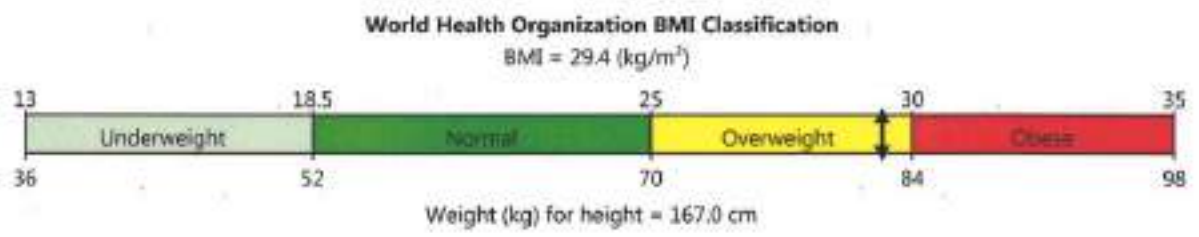
Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	32.2	-	9.6	2,969	6,241	341
Legs	32.7	-	25.1	7,905	16,281	895
Trunk	42.2	-	43.2	17,965	24,572	666
Android	46.2	-	7.7	3,521	4,106	40
Gynoid	39.4	-	11.6	4,461	6,873	218
Total	37.1	-	83.2	29,947	50,819	2,387

USA (Lunar) Reference Chart: No reference data for Total Body [Total] region. USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
07-02-2024	68.3	37.1	-	83.2	80,766	29,947	50,819	2,387	53,206	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
07-02-2024	68.3	46.2	39.4	1.17	37.1	



COMMENTS:

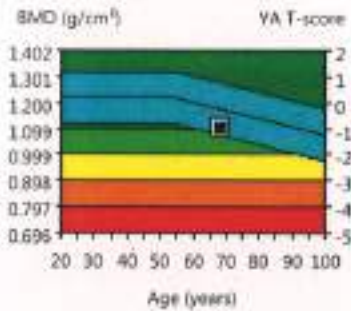
DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (+ 0.8 % Fat, +210 g Tissue Mass, +520 g Fat Mass, +610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v113); Composition Matched for Age
 Date created: 02-04-2024 16:26:03 15 [SP 2]; Filename: R3MRstjk.dfb; Total Body: 76.01515304314 0.00 -1.00 4.81x13.01 14.0%Fat=37.1%; 0.00.000 0.000.00; Scan Mode: Standard; 0.4 µGy

Patient:	SUBRAMANIYAN,		Referring Physician:	(not specified)	
Birth Date:	13-10-1955	Age:	68.3 years	Patient ID:	CSSH09000433856
Height:	167.0 cm	Weight:	82.0 kg	Measured:	07-02-2024 12:09:21 (15 [SP 2])
Sex:	Male	Ethnicity:	Asian	Analyzed:	07-02-2024 12:09:23 (15 [SP 2])



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.054	-	-
Arms	0.901	-	-
Legs	1.183	-	-
Trunk	0.838	-	-
Ribs	0.816	-	-
Spine	0.954	-	-
Pelvis	0.790	-	-
Total	1.102	-1.0	-0.7

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total) USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (v11.3), Matched for Age, Weight (males 25-100 kg), Ethnic:

Date created: 02-04-2024 16:25:38 15 [SP 2]; Filename: 83H8v7jkdfb; Total Body: 760.1515304; 31.4 0.00 -1.00 4.81x13.01 14.0%Fat = 37.1%; 0.00 0.00 0.00 0.00 Scan Mode: Standard; 0.4 µCy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: SUBRAMANIYAN,
Patient ID: CSSH09000433856 Birth Date: 13-10-1955 Height: 167.0 cm
Sex: Male Measured: 07-02-2024 Weight: 82.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.102 g/cm² with a T-score of -1.0 is considered moderately low. Treatment is advised if there are other risk factors.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	07-02-2024	68.3	-0.7 Z-score	-1.0	1.102 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

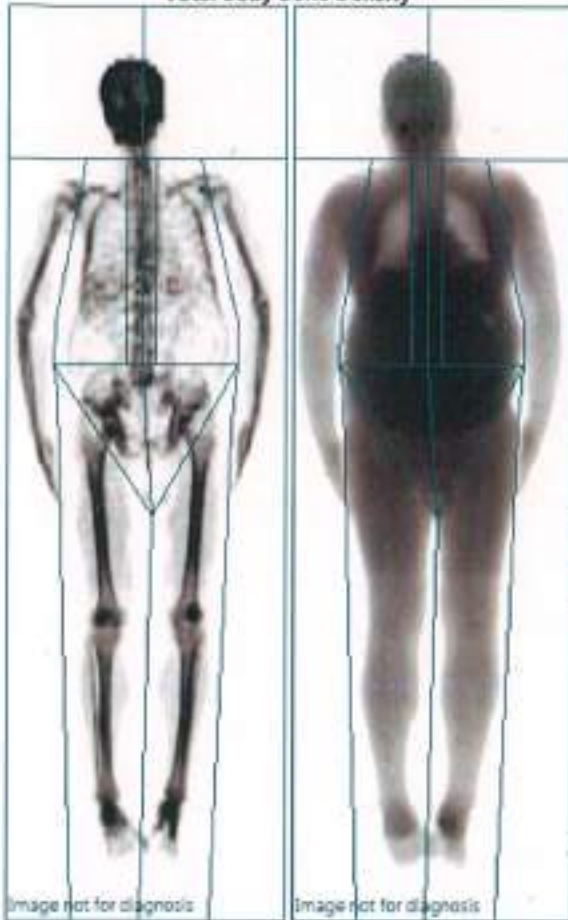
Based on these results, a follow-up exam is recommended in February 2026

(not specified)

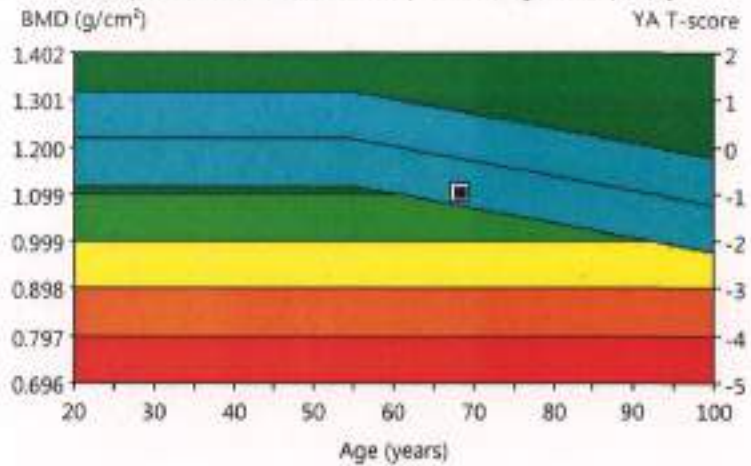

DEPARTMENT OF RADIOLOGY
THETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	SUBRAMANYAN,		Referring Physician:	(not specified)	
Birth Date:	13-10-1955	Age:	68.3 years	Patient ID:	CSSH09000433856
Height:	167.0 cm	Weight:	82.0 kg	Measured:	07-02-2024 12:09:21 (15 [SP 2])
Sex:	Male	Ethnicity:	Asian	Analyzed:	07-02-2024 12:09:23 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)			
Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.054	-	-
Arms	0.901	-	-
Legs	1.183	-	-
Trunk	0.838	-	-
Ribs	0.816	-	-
Spine	0.954	-	-
Pelvis	0.790	-	-
Total	1.102	-1.0	-0.7

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTHIAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.030 g/cm³) for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (n113) Matched for Age, Weight (males 25-200 kg), Ethnicity.
 Date created: 02-04-2024 16:25:50 15 [SP 2]; Filename: 43hh87jc.dfb; Total Body: 76:0.15:153.04314 0.00-1.00 4.8Lx13.0L 14.0%Fat=37.1%; 0.00:0.00:0.00:0.00; Scan Mode: Standard; 0.4 µGy

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	RAJANI KUMARI,	Birth Date:	10-11-1975	Height:	162.0 cm
Patient ID:	CSSH09000433561	Measured:	02-02-2024	Weight:	83.0 kg
Sex:	Female	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at AP Spine L1-L4 is 0.938 g/cm² with a T-score of -2.1 is low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
AP Spine	L1-L4	02-02-2024	48.2	-2.4 Z-score	-2.1	0.938 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in February 2025

(not specified)

Patient: RAJANI KUMARI,	Referring Physician: (not specified)
Birth Date: 10-11-1975	Age: 48.2 years
Height: 162.0 cm	Weight: 83.0 kg
Sex: Female	Ethnicity: White
	Patient ID: CSSH09000433561
	Measured: 02-02-2024 14:09:06 (15 [SP 2])
	Analyzed: 02-04-2024 16:24:14 (15 [SP 2])

AP Spine Bone Density

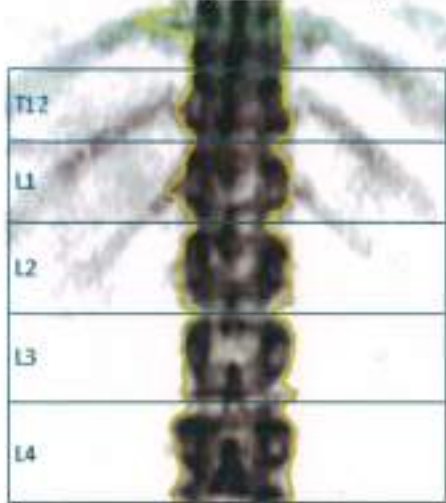
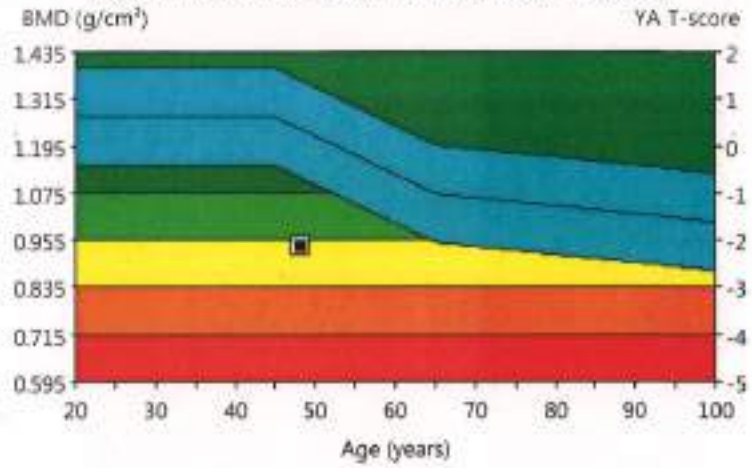


Image not for diagnosis

COMMENTS:

USA (Combined NHANES/Lunar) AP Spine: L1-L4 (BMD)



Densitometry: USA (Combined NHANES/Lunar)			
Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score
L1	0.914	-1.8	-2.2
L2	0.923	-2.4	-2.7
L3	0.903	-2.5	-2.9
L4	0.995	-1.7	-2.1
L1-L4	0.938	-2.1	-2.4

[Signature]
 DEPARTMENT OF RADIOLOGY
 KRISHNAN HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKAM

Statistically 68% of repeat scans fall within 1SD (+ 0.010 g/cm² for AP Spine L1-L4); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) AP Spine Reference Population (n113); Matched for Age, Weight (females: 25-100 kg), Ethnic; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; [WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.]
 Date created: 02-04-2024 16:24:19.15 [SP 2] Filename: cyz78s7gk.dfc; AP Spine: 76:3.00 50:03.12.0 0.00:12.18 0.66v1.05 25.0%Fat=35.8%; 0.00:0.00 0.00:0.00; Scan Mode: Standard;OneScan; 37.0 µGy

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	MR., AKSHAY	Birth Date:	23-10-2003	Height:	170.0 cm
Patient ID:	CARE093964458	Measured:	22-01-2024	Weight:	60.0 kg
Sex:	Male	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 1.325 g/cm² with a T-score of 1.2 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	22-01-2024	20.2	2.0 Z-score	1.2	1.325 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

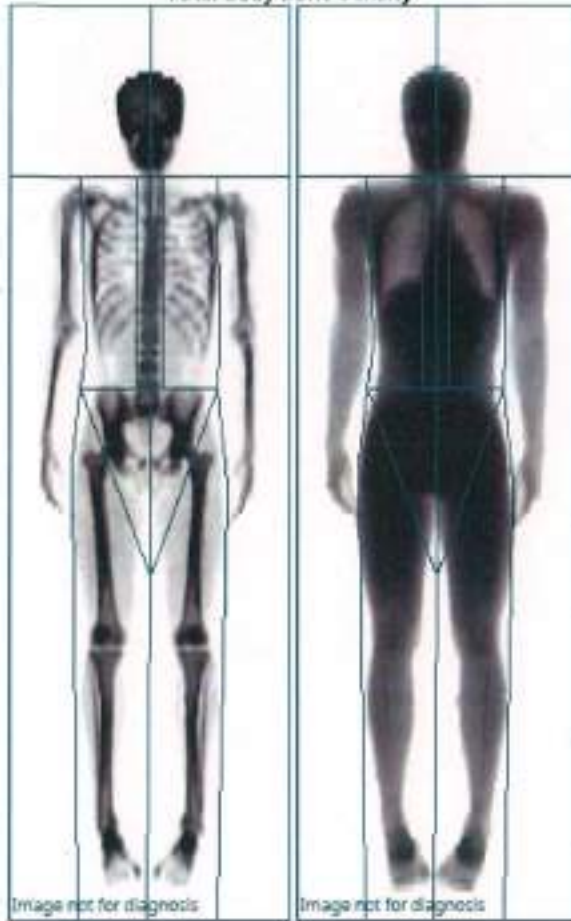
Based on these results, a follow-up exam is recommended in January 2026

(not specified)

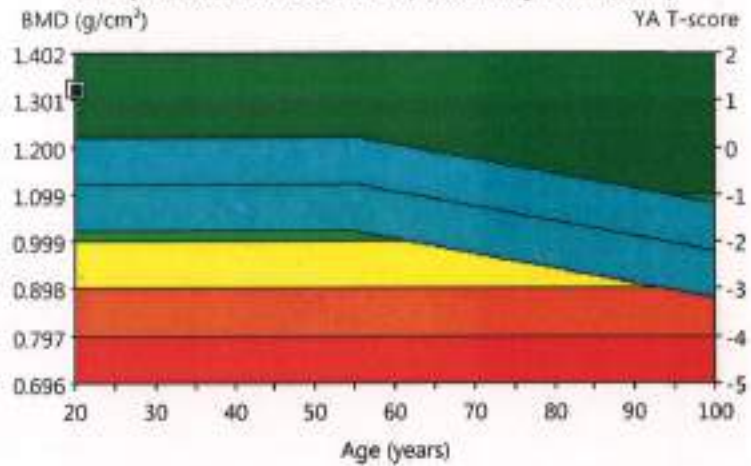

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient: MR., AKSHAY	Age: 20.2 years	Referring Physician: (not specified)
Birth Date: 23-10-2003	Weight: 60.0 kg	Patient ID: CARE093964458
Height: 170.0 cm	Ethnicity: White	Measured: 22-01-2024 11:00:04 (1.5 [SP 2])
Sex: Male		Analyzed: 02-04-2024 16:21:08 (1.5 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.229	-	-
Arms	0.936	-	-
Legs	1.399	-	-
Trunk	1.145	-	-
Ribs	0.923	-	-
Spine	1.141	-	-
Pelvis	1.394	-	-
Total	1.325	1.2	2.0

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (n113); Matched for Age, Weight (males 25-100 kg), Ethnic

Date created: 02-04-2024 16:21:24 15 [SP 2] Filename: omd1797jk.dfb. Total Body: 70.015;153.04;31.4 0.00-1.00 4.81x13.01 10.5%Fat=14.1%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 µGy
 Lunar Prodigy Advance
 PA + 351920

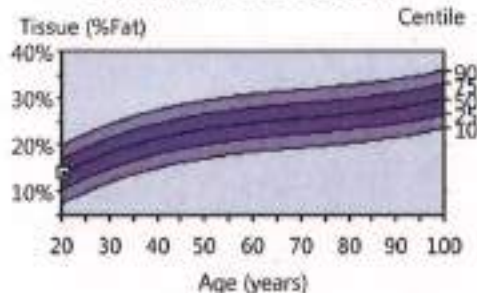
Patient: MR., AKSHAY	Age: 20.2 years	Referring Physician: (not specified)
Birth Date: 23-10-2003	Weight: 60.0 kg	Patient ID: CARE093964458
Height: 170.0 cm	Ethnicity: White	Measured: 22-01-2024 11:00:04 (L5 [SP 2])
Sex: Male		Analyzed: 02-04-2024 16:21:08 (L5 [SP 2])

Total Body Tissue Quantitation

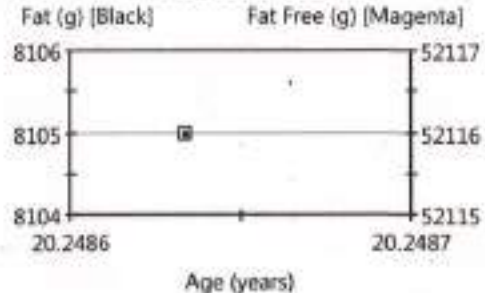


Composition (Enhanced Analysis)							
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)	
Arms	11.9	-	7.4	842	6,224	379	
Legs	12.6	-	21.3	2,531	17,619	1,137	
Trunk	15.0	-	26.7	3,883	21,996	849	
Android	12.7	-	3.3	413	2,852	51	
Gynoid	11.4	-	9.5	1,050	8,185	270	
Total	14.1	53	60.2	8,105	49,184	2,932	

USA (Lunar) Total Body: Total



Total Body: Total



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)

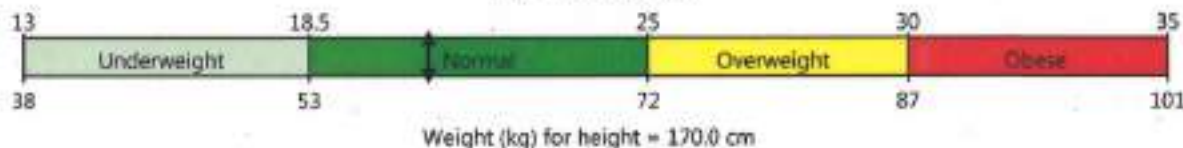
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
22-01-2024	20.2	14.1	53	60.2	57,290	8,105	49,184	2,932	52,116

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)

Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
22-01-2024	20.2	12.7	11.4	1.11	14.1

World Health Organization BMI Classification

BMI = 20.8 (kg/m²)



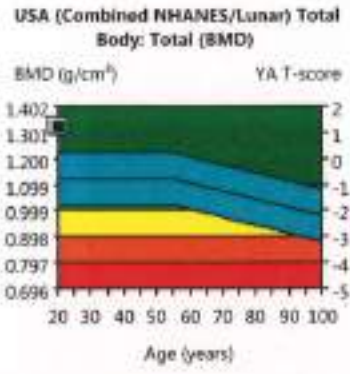
COMMENTS:

Statistically 68% of repeat scans fall within 1SD ($\pm 0.8\%$ Fat, ± 200 g Tissue Mass, ± 520 g Fat Mass, ± 610 g Lean Mass; for Total Body Total); USA (Lunar) Total Body Composition Reference Population (n=113); Composition Matched for Age

Date created: 02-04-2024 16:21:38 15 [SP 2]; Filename: cymdn7kjcdfb; Total Body: 760.15.151.0431.4.000-1.00.481x13.01.30.5%Fat=14.1%; 0.00.0.00.0.00; Scan Mode: Standard; 0.4 uGy

DEPARTMENT OF RADIOLOGY
 SRI LAKSHMI NARAYANA HOSPITAL & RESEARCH INSTITUTE
 KEELAMBAKKAM

Patient:	MR. AKSHAY	Referring Physician:	(not specified)
Birth Date:	23-10-2003	Age:	20.2 years
Height:	170.0 cm	Weight:	60.0 kg
Sex:	Male	Ethnicity:	White
		Patient ID:	CARE093964458
		Measured:	22-01-2024 11:00:04 (15 [SP 2])
		Analyzed:	02-04-2024 16:21:08 (15 [SP 2])



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.229	-	-
Arms	0.936	-	-
Legs	1.399	-	-
Trunk	1.145	-	-
Ribs	0.923	-	-
Spine	1.141	-	-
Pelvis	1.394	-	-
Total	1.325	1.2	2.0

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total), USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (N113); Matched for Age, Weight (males 25-100 kg), Ethnic.

Data created: 02-04-2024 16:21:11.15 [SP 2]; Filename: umdn7v7jcdft; Total Body: 760.15.153.0431.4 0.00-1.00 4.81x13.01 10.5%Fat=14.1% 0.00.000.0.00.0.00; Scan Mode: Standard; 0.4 uGy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)



PATIENT:

Name: MR., AFNAS
Patient ID: CARE093960062 Birth Date: 28-06-2001 Height: 176.0 cm
Sex: Male Measured: 22-01-2024 Weight: 63.0 kg
Indications: Fractures: Treatments:



ASSESSMENT:

The BMD measured at Total Body Total is 1.248 g/cm² with a T-score of 0.5 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	22-01-2024	22.5	1.1 Z-score	0.5	1.248 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD



RECOMMENDATION:




FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

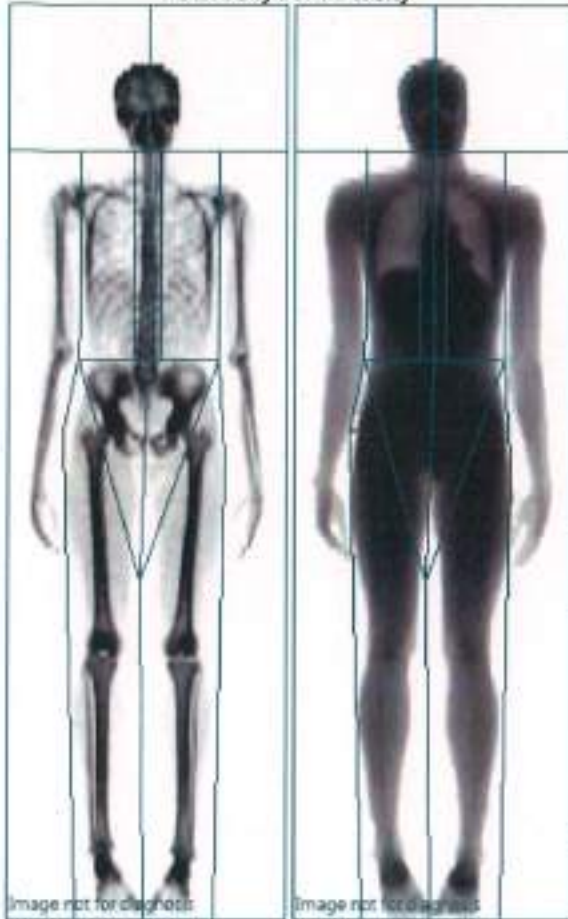
Based on these results, a follow-up exam is recommended in January 2026

(not specified)

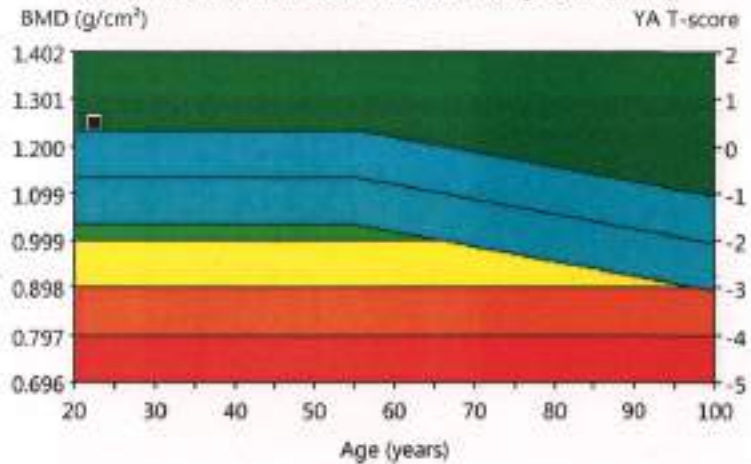

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	MR, AFNAS	Referring Physician:	(not specified)
Birth Date:	28-06-2001	Age:	22.5 years
Height:	176.0 cm	Weight:	63.0 kg
Sex:	Male	Ethnicity:	White
		Patient ID:	CARE093960062
		Measured:	22-01-2024 10:13:52 (15 [SP 2])
		Analyzed:	22-01-2024 10:14:31 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)

Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	1.889	-	-
Arms	0.819	-	-
Legs	1.420	-	-
Trunk	1.122	-	-
Ribs	0.836	-	-
Spine	1.083	-	-
Pelvis	1.316	-	-
Total	1.248	0.5	1.1

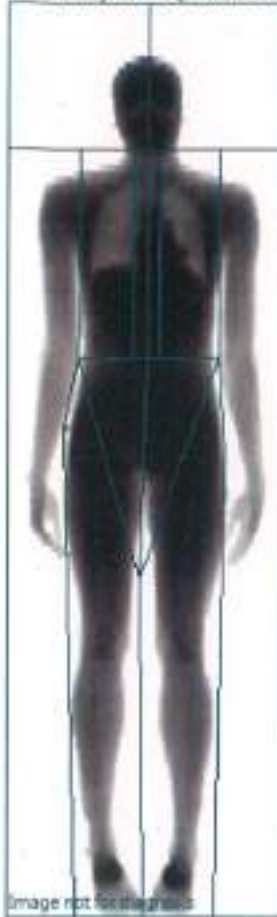
COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTIYAR HOSPITAL & RESEARCH INSTITUTE
 RELIANCEKAM

Statistically 98% of repeat scans fall within 1SD L± 0.030 g/cm³ for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (VLL3): Matched for Age, Weight (males 25-100 kg), Ethnic:

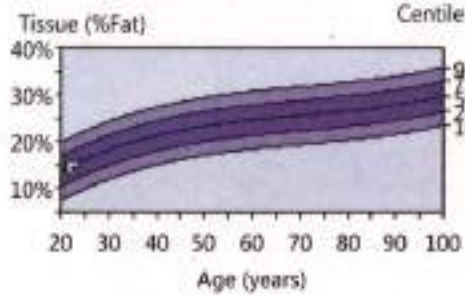
Patient:	MR, AFNAS	Referring Physician:	(not specified)
Birth Date:	28-06-2001	Age:	22.5 years
Height:	176.0 cm	Weight:	63.0 kg
Sex:	Male	Ethnicity:	White
		Patient ID:	CARE093960062
		Measured:	22-01-2024 10:13:52 (15 [SP 2])
		Analyzed:	22-01-2024 10:14:31 (15 [SP 2])

Total Body Tissue Quantitation

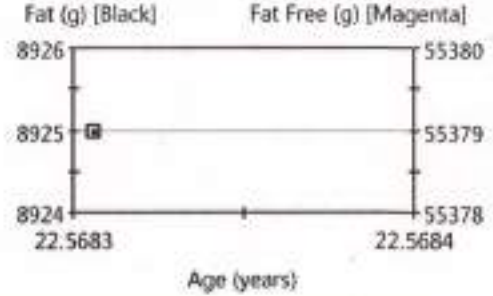


Composition (Enhanced Analysis)							
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)	
Arms	16.1	-	8.2	1,254	6,555	406	
Legs	14.1	-	24.0	3,204	19,479	1,310	
Trunk	13.7	-	29.1	3,737	23,610	782	
Android	11.3	-	3.8	425	3,341	50	
Gynoid	13.7	-	9.7	1,292	8,134	292	
Total	14.5	47	64.3	8,925	52,461	2,919	

USA (Lunar) Total Body: Total



Total Body: Total

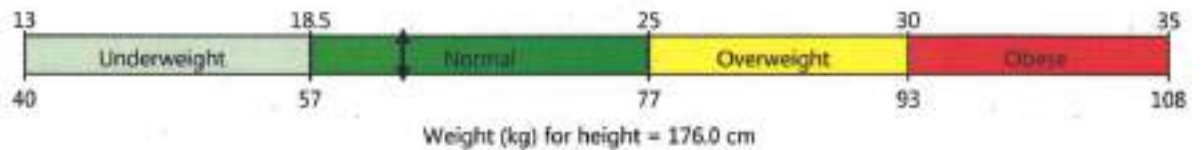


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
22-01-2024	22.5	14.5	47	64.3	61,385	8,925	52,461	2,919	55,379	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
22-01-2024	22.5	11.3	13.7	0.82	14.5	

World Health Organization BMI Classification

BMI = 20.3 (kg/m²)



COMMENTS:

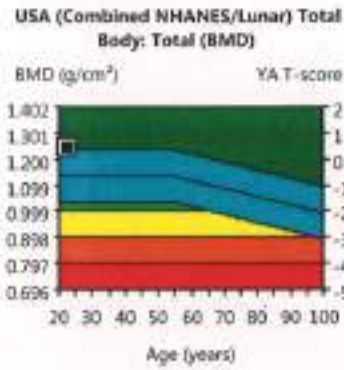

 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population

(v113): Composition Matched for Age

Date created: 02-04-2024 16:19:15 [SP 2]; Filename: 54br7s7jk0ffs; Total Body: 76@15.153.04.31.4 0.00-1.00 4.81x13.01 10.1%Fat=14.5%; 0.00 0.00 0.00 0.00; Scan Mode: Standard; 0.4 µGy

Patient:	MR. AFNAS	Referring Physician:	(not specified)
Birth Date:	28-06-2001	Age:	22.5 years
Height:	176.0 cm	Weight:	63.0 kg
Sex:	Male	Ethnicity:	White
		Patient ID:	CARE093960062
		Measured:	22-01-2024 10:13:52 (15 [SP 2])
		Analyzed:	22-01-2024 10:14:31 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.889	-	-
Arms	0.819	-	-
Legs	1.420	-	-
Trunk	1.122	-	-
Ribs	0.836	-	-
Spine	1.083	-	-
Pelvis	1.316	-	-
Total	1.248	0.5	1.1

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total), USA (Combined NHANES (ages 20-10) / Lunar (ages 20-40)) Total Body Reference Population (n113), Matched for Age, Weight (males 25-100 kg), Ethnic

Date created: 02-04-2024 16:19:14 15 [SP 2]; Filename: 54bn7jkk.dfb; Total Body: 76.015:153.04:31.4 0.00 -1.00 4.81e13.01 10.3 %Fat=14.5%, 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 μ Gy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: J, BANUMATHI
Patient ID: CARE090468521 Birth Date: 22-12-1974 Height: 157.0 cm
Sex: Female Measured: 19-01-2024 Weight: 56.7 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.019 g/cm² with a T-score of -0.6 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	19-01-2024	49.0	0.0 Z-score	-0.6	1.019 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in January 2026

(not specified)

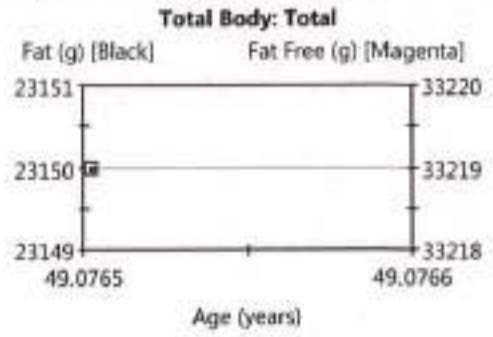

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	J, BANUMATHI	Referring Physician:	(not specified)
Birth Date:	22-12-1974	Age:	49.0 years
Height:	157.0 cm	Weight:	56.7 kg
Sex:	Female	Ethnicity:	Asian
		Patient ID:	CARE090468521
		Measured:	19-01-2024 12:04:58 (L5 [SP 2])
		Analyzed:	02-04-2024 16:18:17 (L5 [SP 2])



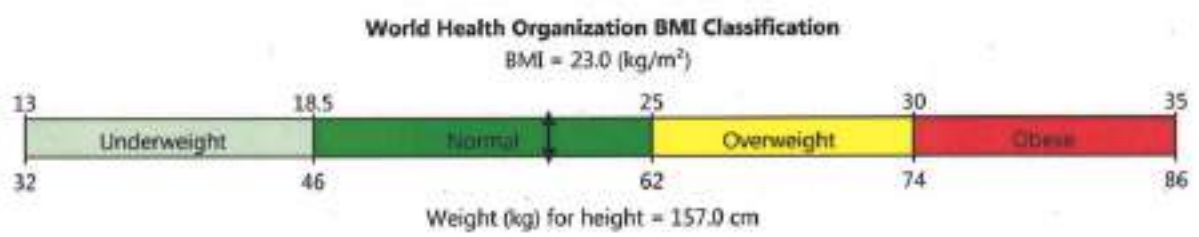
Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	45.2	-	6.4	2,828	3,427	173
Legs	42.2	-	17.1	6,995	9,562	522
Trunk	43.5	-	29.3	12,545	16,327	419
Android	43.1	-	4.7	2,014	2,659	36
Gynoid	45.4	-	8.3	3,699	4,453	142
Total	42.2	-	56.4	23,150	31,699	1,519

USA (Lunar) Reference Chart: No reference data for Total Body [Total] region. USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
19-01-2024	49.0	42.2	-	56.4	54,849	23,150	31,699	1,519	33,219

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)					
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
19-01-2024	49.0	43.1	45.4	0.95	42.2

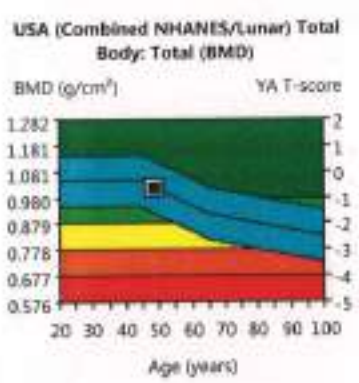


COMMENTS:


 DEPARTMENT OF RADIOLOGY
 SETHUAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±630 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (V113); Composition Matched for Age
 Date created: 02-04-2024 16:18:43 L5 [SP 2] filename: vnrh7s7jg.cdlb; Total Body: 76:015153:04:31.4 0.00:1.00 4.81x13.01 12.2%Fat=42.2%, 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 µCy

Patient: J, BANUMATHI	Referring Physician: (not specified)	
Birth Date: 22-12-1974	Age: 49.0 years	Patient ID: CARE090468521
Height: 157.0 cm	Weight: 56.7 kg	Measured: 19-01-2024 12:04:58 (15 [SP 2])
Sex: Female	Ethnicity: Asian	Analyzed: 02-04-2024 16:18:17 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.239	-	-
Arms	0.728	-	-
Legs	1.006	-	-
Trunk	0.756	-	-
Ribs	0.542	-	-
Spine	0.925	-	-
Pelvis	0.853	-	-
Total	1.019	-0.6	0.0

Statistically 68% of repeat scans fall within 1SD (± 0.020 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (N113); Matched for Age, Weight (females 25-100 kg), Ethnic

Date created: 02-04-2024 16:18:20 15 [SP 2]; Filename: vweh7Njkkdfb; Total Body: 76.0 15.33.04.31.4 0.00 : 1.00 4.81e13.00 12.2 %Fat = 42.2%; 0.00000 0.00000; Scan Mode: Standard: 0.4 μ Gy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELANBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	V, ANJALI 61YRS	Birth Date:	09-08-1963	Height:	155.5 cm
Patient ID:	CARE094036747	Measured:	20-03-2024	Weight:	58.0 kg
Sex:	Female	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 0.975 g/cm² with a T-score of -1.0 is considered moderately low. Treatment is advised if there are other risk factors.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	20-03-2024	60.6	0.2 Z-score	-1.0	0.975 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

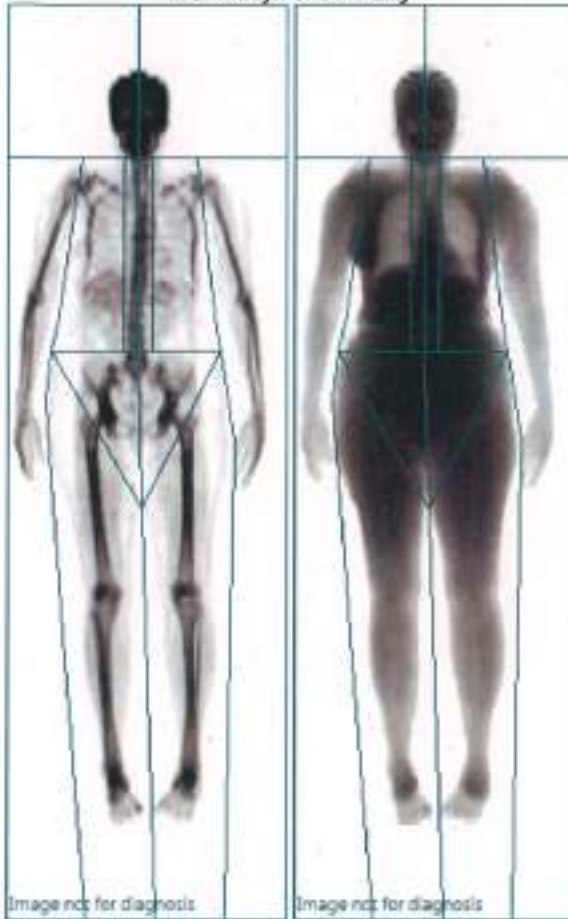
Based on these results, a follow-up exam is recommended in March 2026

(not specified)

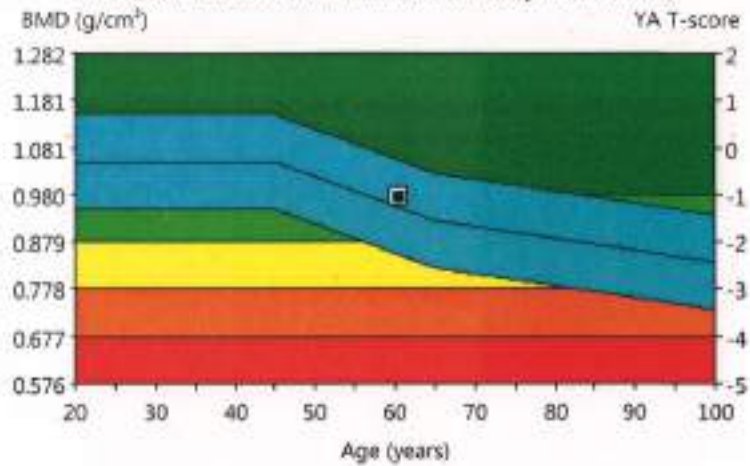

DEPARTMENT OF RADIOLOGY
ETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMPAKKAM

Patient: V, ANJALI 61YRS	Referring Physician: (not specified)
Birth Date: 09-08-1963	Age: 60.6 years
Height: 155.5 cm	Weight: 58.0 kg
Sex: Female	Ethnicity: White
	Patient ID: CARE094036747
	Measured: 20-03-2024 12:36:55 (LS [SP 2])
	Analyzed: 20-03-2024 12:36:56 (LS [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.105	-	-
Arms	0.665	-	-
Legs	1.010	-	-
Trunk	0.764	-	-
Ribs	0.579	-	-
Spine	0.862	-	-
Pelvis	0.880	-	-
Total	0.975	-1.0	0.2

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 JETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 98% of repeat scans fall within 1SD (± 0.030 g/cm³ for Total Body Total) USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (n113); Matched for Age, Weight (females 25-100 kg), Ethnic

Date created: 02-04-2024 16:42:15 15 [SP 2] Filename: Odwms7jkd0b; Total Body; 76:0.15:153.04:11.4 0.00-1.00 4.81x13.01 11.2%fat=47.9%; 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 μ g

Patient: V, ANJALI 61YRS	Referring Physician: (not specified)	
Birth Date: 09-08-1963	Age: 60.6 years	Patient ID: CARE094036747
Height: 155.5 cm	Weight: 58.0 kg	Measured: 20-03-2024 12:36:55 (15 [SP 2])
Sex: Female	Ethnicity: White	Analyzed: 20-03-2024 12:36:56 (15 [SP 2])

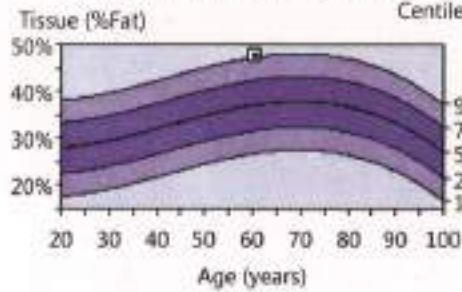
Total Body Tissue Quantitation



Image not for diagnosis

Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	49.9	-	6.0	2,897	2,910	227
Legs	50.4	-	19.9	9,703	9,559	612
Trunk	48.5	-	27.6	13,191	13,987	469
Android	49.8	-	4.2	2,076	2,092	28
Gynoid	52.6	-	9.8	5,053	4,558	176
Total	47.9	91	57.1	26,531	28,871	1,708

USA (Lunar) Total Body: Total



Total Body: Total

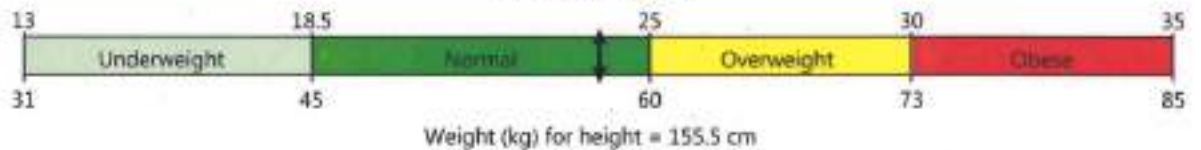


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
20-03-2024	60.6	47.9	91	57.1	55,403	26,531	28,871	1,708	30,579

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
20-03-2024	60.6	49.8	52.6	0.95	47.9	

World Health Organization BMI Classification

BMI = 24.0 (kg/m²)



COMMENTS:

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

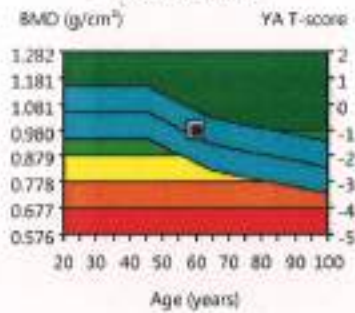
Statistically 68% of repeat scans fall within 1SD (+ 0.8 % Fat, +200 g Tissue Mass, +520 g Fat Mass, +610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v1.13); Composition Matched for Age

Date created: 02-04-2024 16:42:34 15 [SP 2]; Filename: Odwmis7jkd.fib; Total Body: 76.01515304314 0.00 -1.00 4.81x13.01 11.2%Fat=47.9%; 0.000.000 0.000.000; Scan Mode: Standard; 0.4 µGy

Patient:	V, ANJALI 61YRS		Referring Physician:	(not specified)	
Birth Date:	09-08-1963	Age:	60.6 years	Patient ID:	CARE094036747
Height:	155.5 cm	Weight:	58.0 kg	Measured:	20-03-2024 12:36:55 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	20-03-2024 12:36:56 (15 [SP 2])



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.105	-	-
Arms	0.665	-	-
Legs	1.010	-	-
Trunk	0.764	-	-
Ribs	0.579	-	-
Spine	0.862	-	-
Pelvis	0.880	-	-
Total	0.975	-1.0	0.2

Statistically 98% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (N=113); Matched for Age, Weight (Remakes 25-100 kg), Ethnic

Date created: 02-04-2024 16:42:17.15 [SP 2] Filename: Odwms7jk.dfb; Total Body: 76.015x153.043x4.000-1.00481x13.0111.2%Fat=47.9%; 0.000.00 0.00.0.00; Scan Mode: Standard; 0.4 μ R


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	PONNAMMAL,	Birth Date:	23-01-1962	Height:	147.0 cm
Patient ID:	CARE094035307	Measured:	18-03-2024	Weight:	46.0 kg
Sex:	Female	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at AP Spine L1-L4 is 0.591 g/cm² with a T-score of -4.9 is severely low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
AP Spine	L1-L4	18-03-2024	62.1	-2.9 Z-score	-4.9	0.591 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in March 2025

(not specified)


DEPARTMENT OF RADIOLOGY
CHETTNAD HOSPITAL & RESEARCH INSTITUTE
KELAMBARKAM

Patient:	PONNAMMAL		Referring Physician:	(not specified)	
Birth Date:	23-01-1962	Age:	62.1 years	Patient ID:	CARE094035307
Height:	147.0 cm	Weight:	46.0 kg	Measured:	18-03-2024 14:08:00 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	02-04-2024 16:40:26 (15 [SP 2])

AP Spine Bone Density

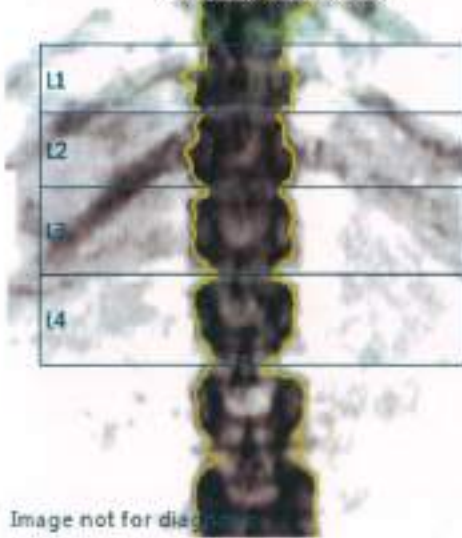
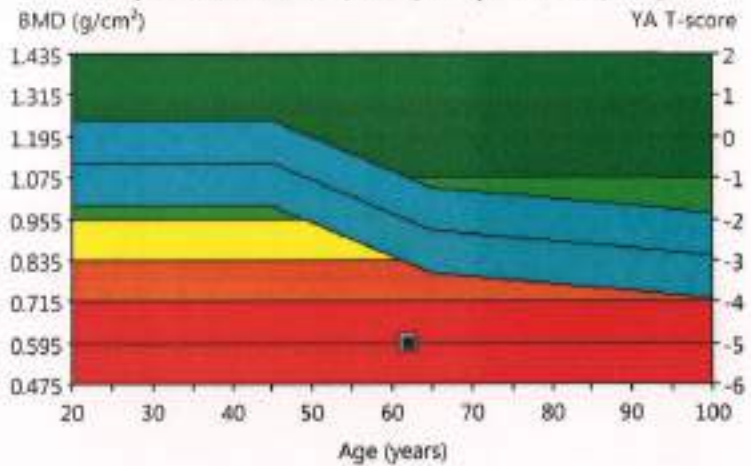


Image not for diagnosis

USA (Combined NHANES/Lunar) AP Spine: L1-L4 (BMD)



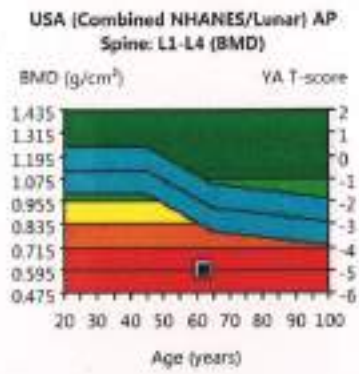
Densitometry: USA (Combined NHANES/Lunar)				
Region	BMD (g/cm²)	Young-Adult T-score	Age-Matched Z-score	
L1	0.605	-4.4	-2.4	
L2	0.626	-4.8	-2.8	
L3	0.533	-5.5	-3.5	
L4	0.607	-4.8	-2.8	
L1-L4	0.591	-4.9	-2.9	

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 JETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELANBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm² for AP Spine L1-L4); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) AP Spine Reference Population (n113); Matched for Age, Weight (females 25-100 kg), Ethnic; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (IWHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.)
 Date created: 02-04-2024 16:41:34 15 [SP 2]; Filename: 2ubjas7jrk.difs; AP Spine: 79.3:00:50:03:12:0 0.004:20 0.605:05 18.3:~Fat=19.9%; 0.000:00 0.000:00; Scan Mode: Standard;OneScan; 37.0 µGy

Patient:	PONNAMMAL,		Referring Physician:	(not specified)	
Birth Date:	23-01-1962	Age:	62.1 years	Patient ID:	CARE094035307
Height:	147.0 cm	Weight:	46.0 kg	Measured:	18-03-2024 14:08:00 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	02-04-2024 16:40:26 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
L1	0.605	-4.4	-2.4
L2	0.626	-4.8	-2.8
L3	0.533	-5.5	-3.5
L4	0.607	-4.8	-2.8
L1-L2	0.616	-4.6	-2.6
L1-L3	0.585	-4.9	-2.9
L1-L4	0.591	-4.9	-2.9
L2-L3	0.577	-5.2	-3.2
L2-L4	0.587	-5.0	-3.1
L3-L4	0.570	-5.1	-3.2

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for AP Spine L1-L4; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) AP Spine Reference Population (v113). Matched for Age, Weight (females 25-100 kg), Ethnic; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.)
 Date created: 02-04-2024 16:40:39 (15 [SP 2]) Filename: 2vbjas7jic.dic AP Spine; 763.0050.0312.0 0.008.28 0.60x1.05 18.3%Fat=19.9%; 0.00:0.00:0.00:0.00; Scan Mode: StandardOneScan; 37.0 μ Sy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: RAJANI KUMARI,
Patient ID: CSSH09000433561 Birth Date: 10-11-1975 Height: 162.0 cm
Sex: Female Measured: 02-02-2024 Weight: 83.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Femur Neck Left is 0.948 g/cm² with a T-score of -0.6 is normal.
The BMD measured at Femur Neck Right is 0.942 g/cm² with a T-score of -0.7 is normal.
The BMD measured at Femur Total Left is 0.985 g/cm² with a T-score of -0.2 is normal.
The BMD measured at Femur Total Right is 0.930 g/cm² with a T-score of -0.6 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
DualFemur	Neck Left	02-02-2024	48.2	-0.3 Z-score	-0.6	0.948 g/cm ²
DualFemur	Neck Right	02-02-2024	48.2	-0.4 Z-score	-0.7	0.942 g/cm ²
DualFemur	Total Left	02-02-2024	48.2	-0.2 Z-score	-0.2	0.985 g/cm ²
DualFemur	Total Right	02-02-2024	48.2	-0.6 Z-score	-0.6	0.930 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

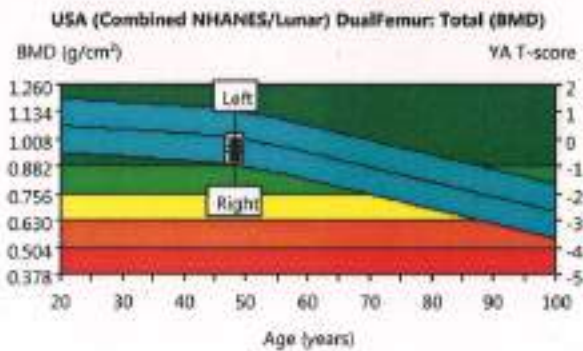
Based on these results, a follow-up exam is recommended in February 2026

(not specified)

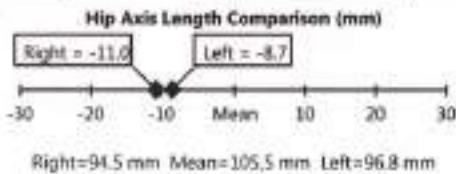

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	RAJANI KUMARI	Referring Physician:	(not specified)
Birth Date:	10-11-1975	Age:	48.2 years
Height:	162.0 cm	Weight:	83.0 kg
Sex:	Female	Ethnicity:	White
		Patient ID:	CSSH09000433561
		Measured:	02-02-2024 14:11:04 (15 [SP 2])
		Analyzed:	02-02-2024 14:12:07 (15 [SP 2])

DualFemur Bone Density



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Neck Left	0.948	-0.6	-0.3
Neck Right	0.942	-0.7	-0.4
Neck Mean	0.945	-0.7	-0.3
Neck Diff.	0.006	0.0	0.0
Total Left	0.985	-0.2	-0.2
Total Right	0.930	-0.6	-0.6
Total Mean	0.957	-0.4	-0.4
Total Diff.	0.054	0.4	0.4



COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 66% of repeat scans fall within 1SD (± 0.010 g/cm³ for DualFemur Total), USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) femur Reference Population (n113) Matched for Age, Weight (females 25-100 kg), Ethnic; DualFemur Total T-score difference is 0.4. Asymmetry is None; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores)
 Date created: 02-04-2024 16:22:26 15 [SP 2]; Filename: n208867jk.dfe; ; Left Femur: 76:3:00:50:03:12:0 0:00:14:46 0.60x1.05 22.7%Fat=43.2%; 0:000:00 0:000:00; Neck Angle (deg)= 53; Scan Mode: Standard; 37.0 µGy; Right Femur: 76:3:00:50:03:12:0 0:00:14:04 0.60x1.05 23.9%Fat=41.6%; 0:000:00 0:000:00; Neck Angle (deg)= 53; Scan Mode: Standard; 37.0 µGy



Patient:	RAJANI KUMARI		Referring Physician:	(not specified)	
Birth Date:	10-11-1975	Age:	48.2 years	Patient ID:	CSSH09000433561
Height:	162.0 cm	Weight:	83.0 kg	Measured:	02-02-2024 14:09:06 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	02-04-2024 16:24:14 (15 [SP 2])

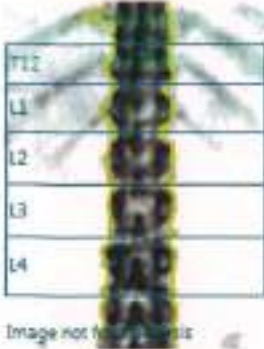
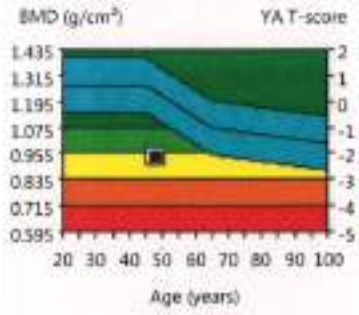


Image not for diagnosis

USA (Combined NHANES/Lunar) AP Spine: L1-L4 (BMD)



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
T12	1.027	-	-
L1	0.914	-1.8	-2.2
L2	0.923	-2.4	-2.7
L3	0.903	-2.5	-2.9
L4	0.995	-1.7	-2.1
L1-L2	0.919	-2.1	-2.5
L1-L3	0.913	-2.2	-2.5
L1-L4	0.938	-2.1	-2.4
L2-L3	0.913	-2.5	-2.8
L2-L4	0.944	-2.2	-2.5
L3-L4	0.953	-2.1	-2.4

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for AP Spine L1-L4); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) AP Spine Reference Population (n=113); Matched for Age, Weight (females 25-100 kg), Ethnic; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores)
 Date created: 02-04-2024 16:24:54 15 [SP 2]; Filename: cye78s7jk.dfs; AP Spine; 76.3:00.50:03.12:0.00:12.18 0.60x1.05 25.0;%Fat = 35.8%; 0.00:0.00 0.00:0.00; Scan Mode: Standard;OneScan; 37.0 µGy


 DEPARTMENT OF RADIOLOGY
 JETWAD HOSPITAL & RESEARCH INSTITUTE
 KOLHAPUR
 Lunar Prodigy Advance
 PA-351920

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: GOPALAKRISHNA,
Patient ID: CSSH09000415754 Birth Date: 01-07-1956 Height: 173.0 cm
Sex: Male Measured: 30-03-2024 Weight: 65.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.341 g/cm² with a T-score of 1.4 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	30-03-2024	67.7	2.4 Z-score	1.4	1.341 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

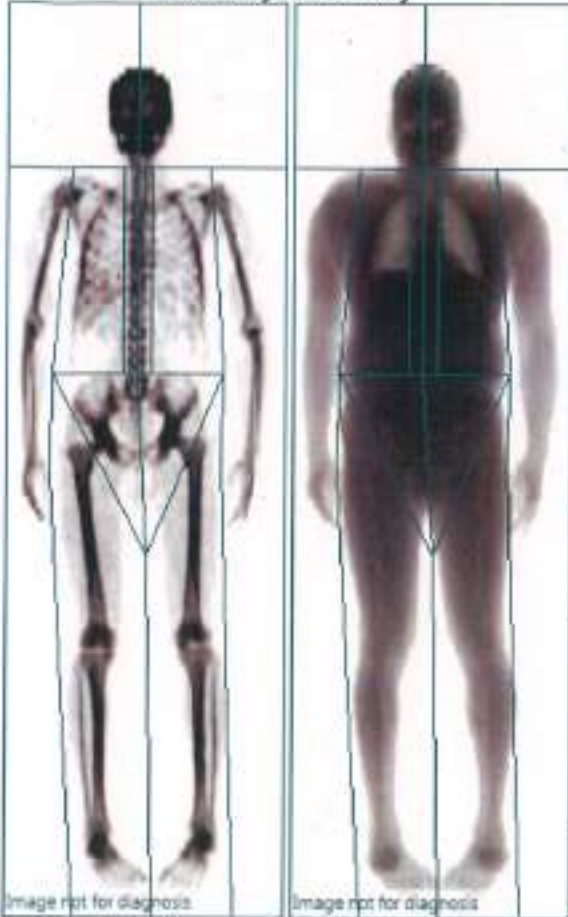
Based on these results, a follow-up exam is recommended in March 2026

(not specified)

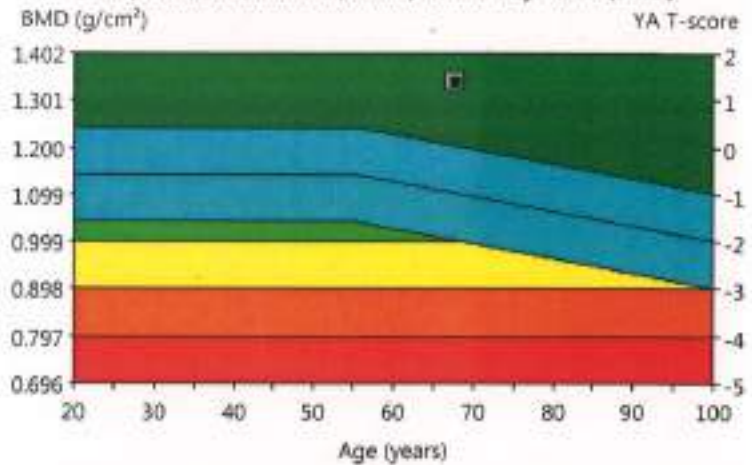

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBANKAM

Patient: GOPALAKRISHNA,	Referring Physician: (not specified)
Birth Date: 01-07-1956	Age: 67.7 years
Height: 173.0 cm	Weight: 65.0 kg
Sex: Male	Ethnicity: White
	Patient ID: CSSH09000415754
	Measured: 30-03-2024 11:06:53 (15 [SP 2])
	Analyzed: 30-03-2024 11:06:55 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.431	-	-
Arms	0.987	-	-
Legs	1.411	-	-
Trunk	1.138	-	-
Ribs	1.016	-	-
Spine	1.271	-	-
Pelvis	1.198	-	-
Total	1.341	1.4	2.4

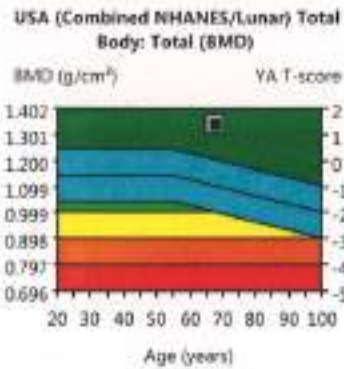
COMMENTS:

DEPARTMENT OF RADIOLOGY
 ATTINDA HOSPITAL & RESEARCH INSTITUTE
 KOLKATA

Statistically 68% of repeat scans fall within 150 (± 0.010 g/cm³ for Total Body Total) USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (v113): Matched for Age, Weight (males 25-100 kg), Ethnic.

Date created: 02-04-2024 16:50:16 15 [SP 2]; Filename: v7b5bs7jkdfb; Total Body: 760.15.153.043L4 0.00; 1.00 4.8Lx11.01 12.5%fat=33.9%; 0.000.00 0.00 0.00; Scan Mode: Standard; 0.4 μ Gy

Patient:	GOPALAKRISHNA,		Referring Physician:	(not specified)	
Birth Date:	01-07-1956	Age:	67.7 years	Patient ID:	CSSH09000415754
Height:	173.0 cm	Weight:	65.0 kg	Measured:	30-03-2024 11:06:53 (LS [SP 2])
Sex:	Male	Ethnicity:	White	Analyzed:	30-03-2024 11:06:55 (LS [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.431	-	-
Arms	0.987	-	-
Legs	1.411	-	-
Trunk	1.138	-	-
Ribs	1.016	-	-
Spine	1.271	-	-
Pelvis	1.198	-	-
Total	1.341	1.4	2.4

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total), USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (N113); Matched for Age, Weight (males 25-100 kg), Ethnic.

Date created: 02-04-2024 10:50:06 15 [SP 2] Filename: v7b5ts7jk.dfb; Total Body: 76.015:153.04:31.4 0.00:1.00 4.81x13.01 12.5%Fat=33.9%; 0.000:0.0 0.000:0.0; Scan Mode: Standard; 0.4 μ Gy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: ., GOVINDASWAMY 72YRS
Patient ID: CSSH09000437141 Birth Date: 25-03-1953 Height: 154.0 cm
Sex: Male Measured: 30-03-2024 Weight: 54.5 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.068 g/cm² with a T-score of -1.3 is considered moderately low. Treatment is advised if there are other risk factors.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	30-03-2024	71.0	0.2 Z-score	-1.3	1.068 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

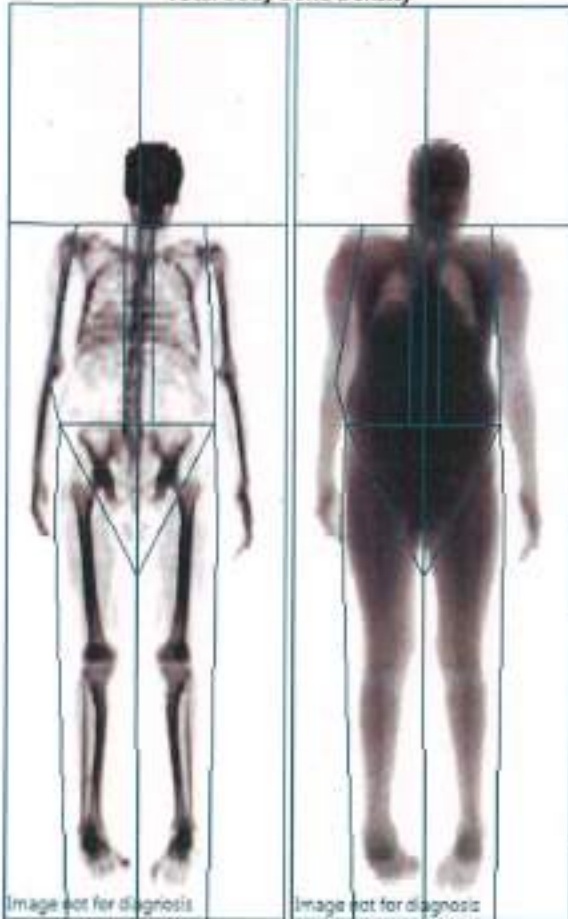
Based on these results, a follow-up exam is recommended in March 2026

(not specified)

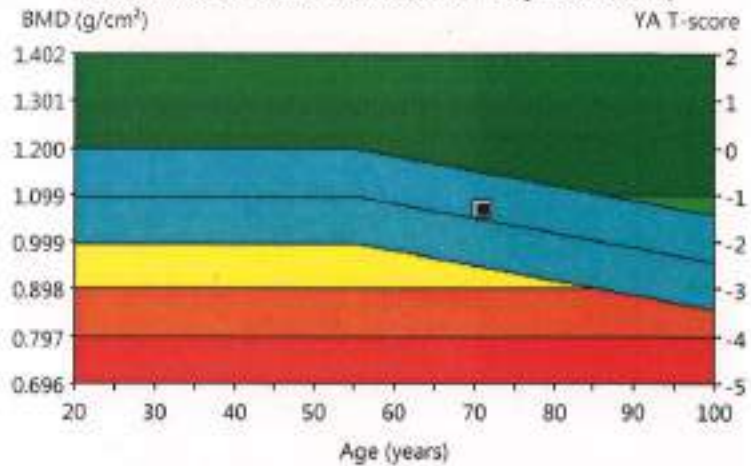

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	., GOVINDASWAMY 72YRS	Referring Physician:	(not specified)
Birth Date:	25-03-1953	Age:	71.0 years
Height:	154.0 cm	Weight:	54.5 kg
Sex:	Male	Ethnicity:	White
		Patient ID:	CSSH09000437141
		Measured:	30-03-2024 10:36:39 (15 [SP 2])
		Analyzed:	30-03-2024 10:36:40 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)

Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	1.876	-	-
Arms	0.921	-	-
Legs	1.095	-	-
Trunk	0.889	-	-
Ribs	0.832	-	-
Spine	1.077	-	-
Pelvis	0.833	-	-
Total	1.068	-1.3	0.2

COMMENTS:

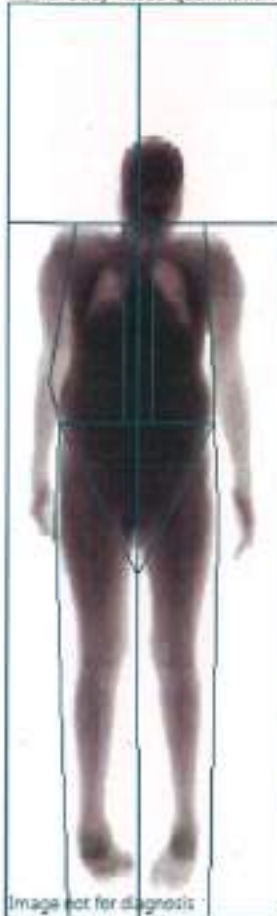

 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 98% of repeat scans fall within 1SD (± 0.010 g/cm³) for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (vLL3): Matched for Age, Weight (males 25-100 kg), Ethnic.

Date created: 02-04-2024 16:49:31 15 [SP 2]; Filename: kw95bv7jk.dft; Total Body: 76.0.15.153.09.31.4.0.00-1.00.4.81x13.01.11.3-%Fat=39.3%; 0.000.00.0.000.00; Scan Mode: Standard; 0.4 µGy

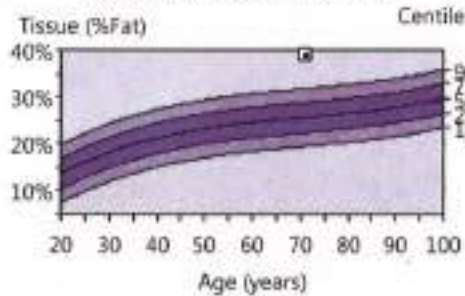
Patient:	GOVINDASWAMY 72YRS	Referring Physician:	(not specified)
Birth Date:	25-03-1953	Age:	71.0 years
Height:	154.0 cm	Weight:	54.5 kg
Sex:	Male	Ethnicity:	White
		Measured:	30-03-2024 10:36:39 (L5 [SP 2])
		Analyzed:	30-03-2024 10:36:40 (L5 [SP 2])

Total Body Tissue Quantitation

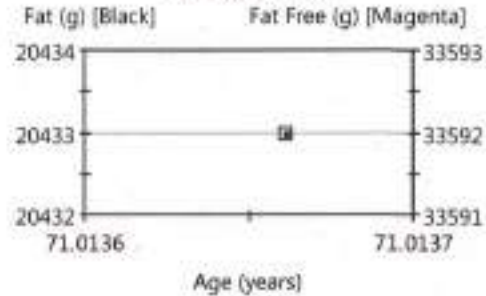


Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	30.6	-	4.5	1,310	2,972	255
Legs	34.4	-	16.1	5,274	10,076	761
Trunk	44.8	-	30.0	13,154	16,182	642
Android	48.6	-	4.8	2,340	2,472	34
Gynoid	40.2	-	7.8	3,072	4,567	178
Total	39.3	100	54.0	20,433	31,586	2,006

USA (Lunar) Total Body: Total



Total Body: Total



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)

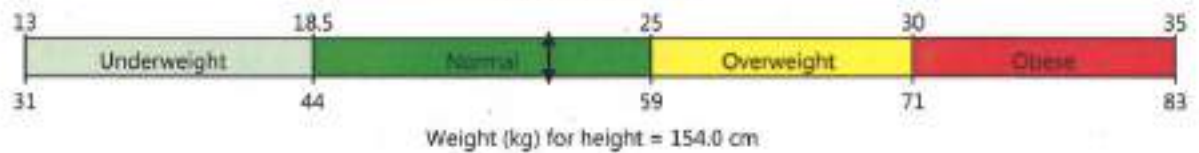
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
30-03-2024	71.0	39.3	100	54.0	52,019	20,433	31,586	2,006	33,592

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)

Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
30-03-2024	71.0	48.6	40.2	1.21	39.3

World Health Organization BMI Classification

BMI = 23.0 (kg/m²)



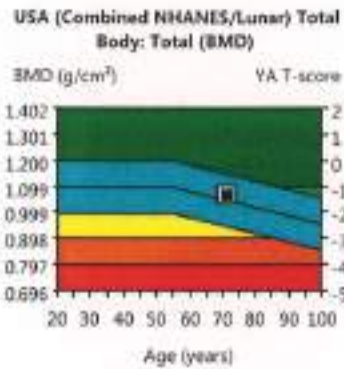
COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 88% of repeat scans fall within 1SD ($\pm 0.8\%$ Fat, ± 210 g Tissue Mass, ± 570 g Fat Mass, ± 610 g Lean Mass for Total Body Total), USA (Lunar) Total Body Composition Reference Population (v11.3). Composition Matched for Age

Date created: 03-04-2024 16:49:46.15 [SP 2]; Filename: kw95br2jk.dfb; Total Body: 76.0 15:15:04.31.4 0:00: 1.00 4.81x13.01 11.3%Fat=39.3%; 0:00:00 0:00:00; Scan Mode: Standard 0.4 µgY

Patient:	J. GOVINDASWAMY 72YRS			Referring Physician:	(not specified)
Birth Date:	25-03-1953	Age:	71.0 years	Patient ID:	CSSH09000437141
Height:	154.0 cm	Weight:	54.5 kg	Measured:	30-03-2024 10:36:39 (15 [SP 2])
Sex:	Male	Ethnicity:	White	Analyzed:	30-03-2024 10:36:40 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.876	-	-
Arms	0.921	-	-
Legs	1.095	-	-
Trunk	0.889	-	-
Ribs	0.832	-	-
Spine	1.077	-	-
Pelvis	0.833	-	-
Total	1.068	-1.3	0.2

Statistically 68% of repeat scans fall within 1SD (± 0.020 g/cm³ for Total Body Total, USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (n113); Matched for Age, Weight (males 25-100 kg), Ethnic.

Date created: 02-04-2024 16:49:24 15 [SP 2]; Filename: kw95bx7jk.dfa; Total Body: 76.0,15,153,04,31,4,0,0;-1,00,4,81,13,01,11.3%Fat=39.3%; 0,000,00,0,000,0,0; Scan Mode: Standard; 0.4 μ Sy


DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
VELI PANDURAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: ., RAMACHANDRA .
Patient ID: CSSH09000399553 Birth Date: 18-07-1929 Height: 163.5 cm
Sex: Male Measured: 29-03-2024 Weight: 46.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at AP Spine L1-L4 is 0.929 g/cm² with a T-score of -2.5 is low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
AP Spine	L1-L4	29-03-2024	94.6	-0.5 Z-score	-2.5	0.929 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

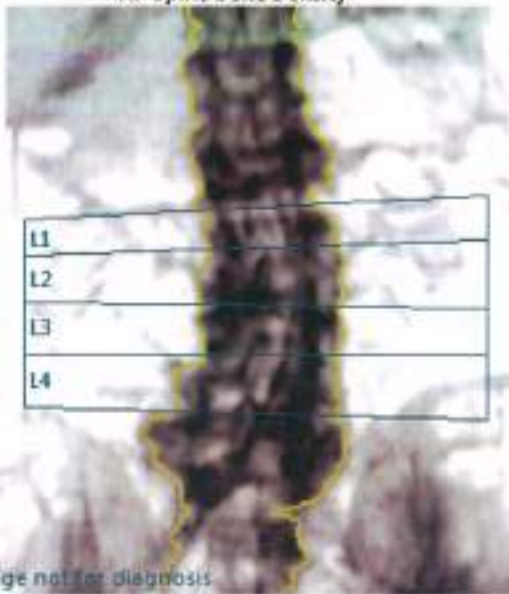
Based on these results, a follow-up exam is recommended in March 2025

(not specified)

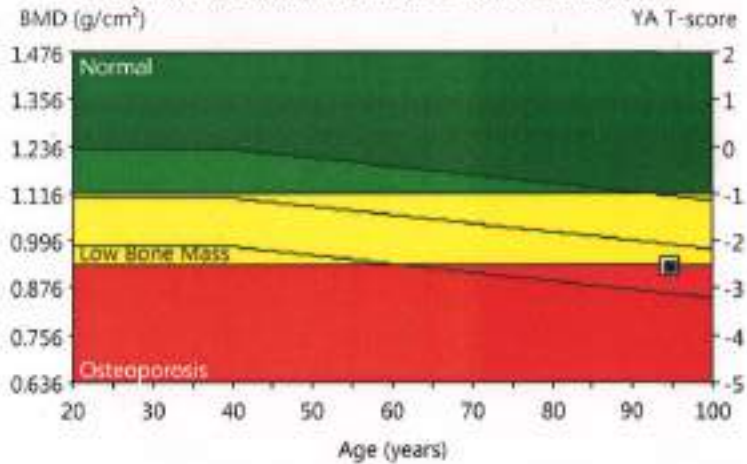

DEPARTMENT OF RADIOLOGY
HETTINAD HOSPITAL & RESEARCH INSTITUTE
KELANGARKAM

Patient:	., RAMACHANDRA .		Referring Physician:	(not specified)	
Birth Date:	18-07-1929	Age:	94.6 years	Patient ID:	CSSH09000399553
Height:	163.5 cm	Weight:	46.0 kg	Measured:	29-03-2024 11:51:42 (L5 [SP 2])
Sex:	Male	Ethnicity:	White	Analyzed:	29-03-2024 11:59:56 (L5 [SP 2])

AP Spine Bone Density



USA (Combined NHANES/Lunar) AP Spine: L1-L4 (BMD)



Densitometry: USA (Combined NHANES/Lunar)				
Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score	
L1	0.828	-2.8	-0.8	
L2	0.913	-2.8	-0.8	
L3	1.014	-2.0	0.1	
L4	0.935	-2.5	-0.5	
L1-L4	0.929	-2.5	-0.5	

COMMENTS:

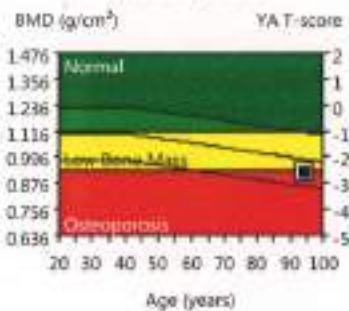
DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm²) for AP Spine L1-L4; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) AP Spine Reference Population (v113); Matched for Age, Weight (males 25-100 kg), Ethnic; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.)
Date created: 02-04-2024 16:48:52 L5 [SP 2]; Filename: rui3bx7jtc.dic; AP Spine; 76.3:00:50:03:L2:0.00:9.42:0.60xL05:16.0%Fat:18.5%; 0.000:00:0.000:0.00; Scan Mode: Standard;OneScan; 37.0 μ Gy

Patient:	, RAMACHANDRA		Referring Physician:	(not specified)	
Birth Date:	18-07-1929	Age:	94.6 years	Patient ID:	CSSH09000399553
Height:	163.5 cm	Weight:	46.0 kg	Measured:	29-03-2024 11:51:42 (L5 [SP 2])
Sex:	Male	Ethnicity:	White	Analyzed:	29-03-2024 11:59:56 (L5 [SP 2])



USA (Combined NHANES/Lunar) AP Spine: L1-L4 (BMD)



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
L1	0.828	-2.8	-0.8
L2	0.913	-2.8	-0.8
L3	1.014	-2.0	0.1
L4	0.935	-2.5	-0.5
L1-L2	0.880	-2.7	-0.7
L1-L3	0.926	-2.4	-0.4
L1-L4	0.929	-2.5	-0.5
L2-L3	0.959	-2.4	-0.4
L2-L4	0.950	-2.5	-0.4
L3-L4	0.969	-2.3	-0.3

Statistically 68% of repeat scans fall within 3SD (± 0.010 g/cm³ for AP Spine L1-L4) USA (Combined NHANES (ages 20-10) / Lunar (ages 20-40) AP Spine Reference Population (n113) Matched for Age, Weight (males 25-100 kg), Ethnic: World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores)

Date created: 02-04-2024 16:48:44 15 [SP 2], Filename: ru3bs7jk.dh; AP Spine: 763.0050.03.12.0 0009.42 0.60x1.05 16.0%/fat=18.5%; 0.000.00 0.00.000; Scan Mode: StandardOneScan; 37.0 µCy

DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELATTURAI

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	MRS, BAKKIYAM	Birth Date:	16-03-1939	Height:	138.0 cm
Patient ID:	CSSH09000437066	Measured:	29-03-2024	Weight:	42.3 kg
Sex:	Female	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 0.850 g/cm² with a T-score of -2.3 is low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	29-03-2024	85.0	0.5 Z-score	-2.3	0.850 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

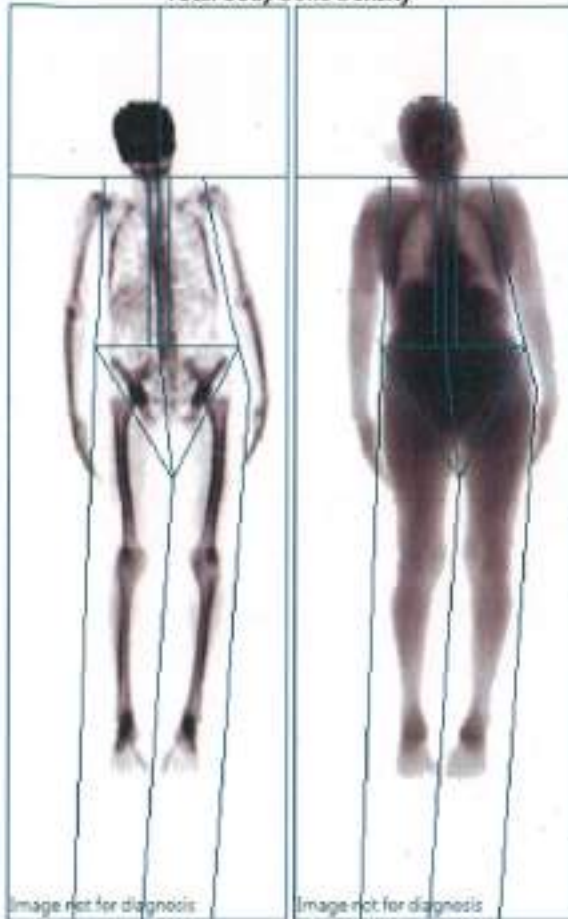
Based on these results, a follow-up exam is recommended in March 2025

(not specified)

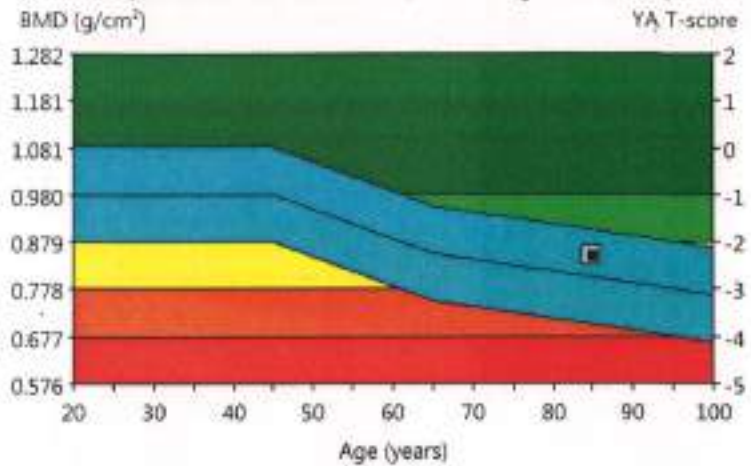

DEPARTMENT OF RADIOLOGY
CHETTIYAR HOSPITAL & RESEARCH INSTITUTE
KELAMBANKAM

Patient:	MRS, BAKKIYAM	Referring Physician:	(not specified)
Birth Date:	16-03-1939	Age:	85.0 years
Height:	138.0 cm	Weight:	42.3 kg
Sex:	Female	Ethnicity:	White
		Patient ID:	CSSH09000437066
		Measured:	29-03-2024 11:09:39 (L5 [SP 2])
		Analyzed:	29-03-2024 11:09:41 (L5 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score
Head	1.847	-	-
Arms	0.633	-	-
Legs	0.834	-	-
Trunk	0.636	-	-
Ribs	0.523	-	-
Spine	0.804	-	-
Pelvis	0.662	-	-
Total	0.850	-2.3	0.5

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm² for Total Body Total), USA (Combined NHANES (ages 20-30) / Lunar (ages 29-40)) Total Body Reference Population (n113); Matched for Age, Weight (female 25-100 kg), Ethnic

Date created: 02-04-2024 16:48:01.15 [SP 2] Filename: fng3bc7jkdffb; Total Body; 75.0135.153.04314.0.00-1.00.4.81x13.01.10.4%Fat=36.5%, 0.000.00.0.000.0.00; Scan Mode: Standard; 0.4 μ Gy

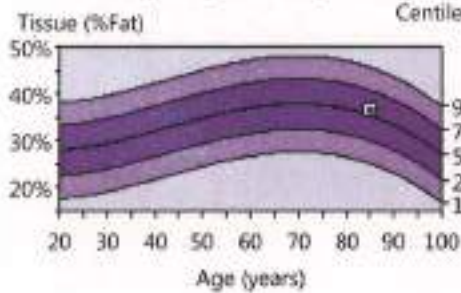
Patient: MRS, BAKKIYAM	Referring Physician: (not specified)
Birth Date: 16-03-1939	Age: 85.0 years
Height: 138.0 cm	Weight: 42.3 kg
Sex: Female	Ethnicity: White
	Patient ID: CSSH09000437066
	Measured: 29-03-2024 11:09:39 (15 [SP 2])
	Analyzed: 29-03-2024 11:09:41 (15 [SP 2])

Total Body Tissue Quantitation

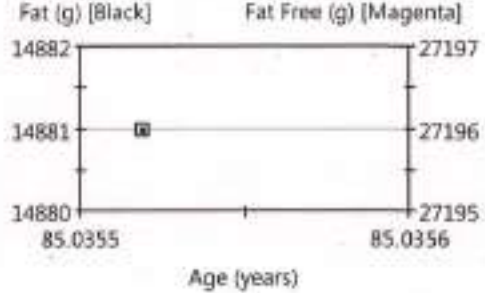


Composition (Enhanced Analysis)							
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)	
Arms	35.0	-	4.7	1,599	2,975	161	
Legs	40.8	-	13.6	5,334	7,734	486	
Trunk	36.1	-	20.6	7,308	12,943	350	
Android	34.8	-	3.2	1,119	2,100	22	
Gynoid	42.6	-	6.7	2,786	3,758	135	
Total	36.5	56	42.1	14,881	25,861	1,334	

USA (Lunar) Total Body: Total



Total Body: Total



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)

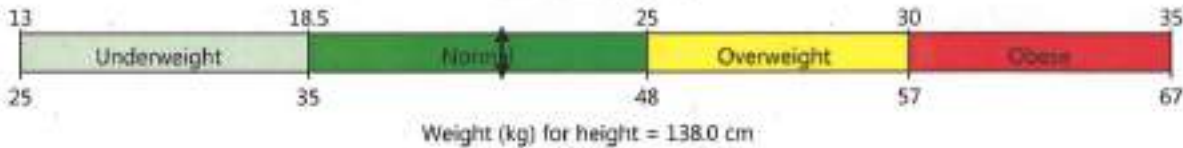
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
29-03-2024	85.0	36.5	56	42.1	40,743	14,881	25,861	1,334	27,196

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)

Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
29-03-2024	85.0	34.8	42.6	0.82	36.5

World Health Organization BMI Classification

BMI = 22.2 (kg/m²)

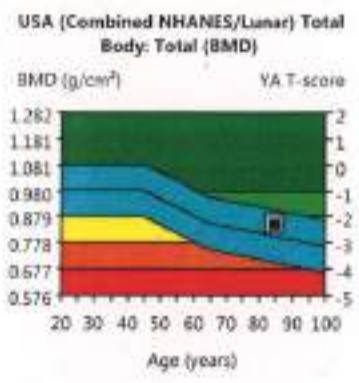


COMMENTS:

[Handwritten Signature]
 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH CENTER
 MELAPALAYAM, CHENNAI

Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ±200 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (vL12); Composition Matched for Age
 Date created: 02-04-2024 16:48:19 [5 SP 2]; Filename: tg3bs7jcdftb; Total Body: 760.15153.0431.4 0.00-1.00 4.81x13.01 10.4%Fat=36.5%; 0.00 0.00 0.00 0.00; Scan Mode: Standard; 0.4 µCy

Patient:	MRS, BAKKIYAM	Referring Physician:	(not specified)
Birth Date:	16-03-1939	Age:	85.0 years
Height:	138.0 cm	Weight:	42.3 kg
Sex:	Female	Ethnicity:	White
		Patient ID:	CSSH09000437066
		Measured:	29-03-2024 11:09:39 (15 [SP 2])
		Analyzed:	29-03-2024 11:09:41 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.847	-	-
Arms	0.633	-	-
Legs	0.834	-	-
Trunk	0.636	-	-
Ribs	0.523	-	-
Spine	0.804	-	-
Pelvis	0.662	-	-
Total	0.850	-2.3	0.5

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (M113); Matched for Age, Weight (females 25-100 kg), Ethn:

Date created: 02-04-2024 16:47:57 15 [SP 2]; Filename: fvg3bn7jk.dff; Total Body: 76.015151.04.01.4 0.00-1.00 4.8Lx13.0L 10.4%Fat=36.5%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 μ oy


 DEPARTMENT OF RADIOLOGY
 ETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: JEETHU NEWAR,
Patient ID: CSSH09000437006 Birth Date: 24-02-1994 Height: 173.0 cm
Sex: Female Measured: 28-03-2024 Weight: 72.2 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.157 g/cm³ with a T-score of 0.8 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	28-03-2024	30.0	0.4 Z-score	0.8	1.157 g/cm ³

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

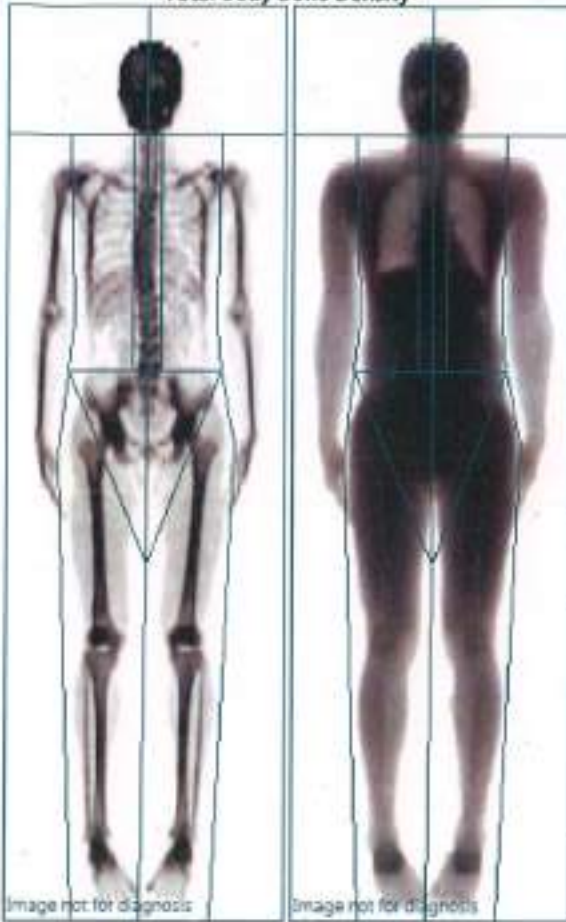
Based on these results, a follow-up exam is recommended in March 2026

(not specified)

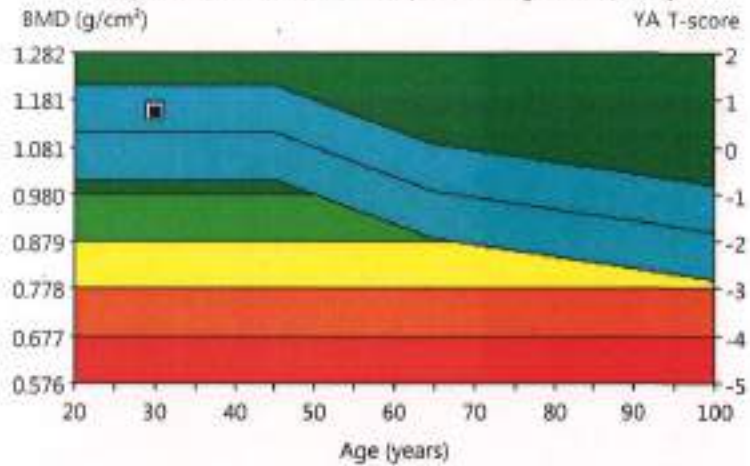

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient: JEETHU NEWAR,	Age: 30.0 years	Referring Physician: (not specified)
Birth Date: 24-02-1994	Weight: 72.2 kg	Patient ID: CSSH09000437006
Height: 173.0 cm	Ethnicity: White	Measured: 28-03-2024 14:34:56 (15 [SP 2])
Sex: Female		Analyzed: 28-03-2024 14:34:58 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score
Head	2.225	-	-
Arms	0.947	-	-
Legs	1.197	-	-
Trunk	0.915	-	-
Ribs	0.797	-	-
Spine	0.963	-	-
Pelvis	1.014	-	-
Total	1.157	0.8	0.4

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTHAD HOSPITAL
 KEJ

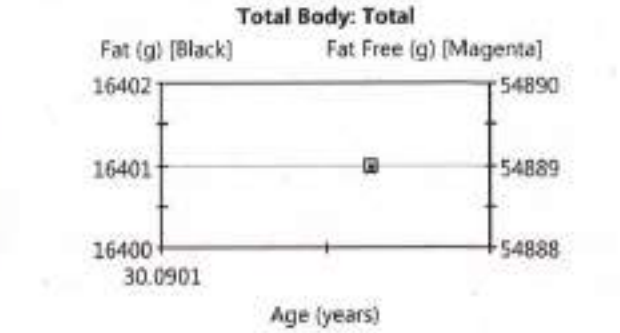
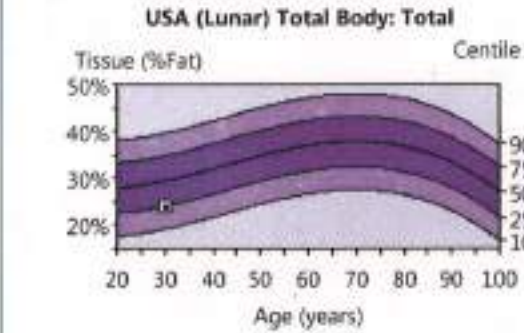
Statistically 95% of repeat scans fall within 1SD (± 0.010 g/cm²) for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (vLL3): Matched for Age, Weight (females 25-300 kg), Ethnic

Date created: 02-04-2024 14:47:23 15 [SP 2]: Filename: 9y1b7jku.dfb; Total Body, 76.015153:04:31:4 0.00-1.00 4.81x13.0L 11 A%Fat=23.9%; 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 µGy

Patient: JEETHU NEWAR,	Referring Physician: (not specified)
Birth Date: 24-02-1994	Age: 30.0 years
Height: 173.0 cm	Weight: 72.2 kg
Sex: Female	Ethnicity: White
	Patient ID: CSSH09000437006
	Measured: 28-03-2024 14:34:56 [L5 [SP 2]]
	Analyzed: 28-03-2024 14:34:58 [L5 [SP 2]]

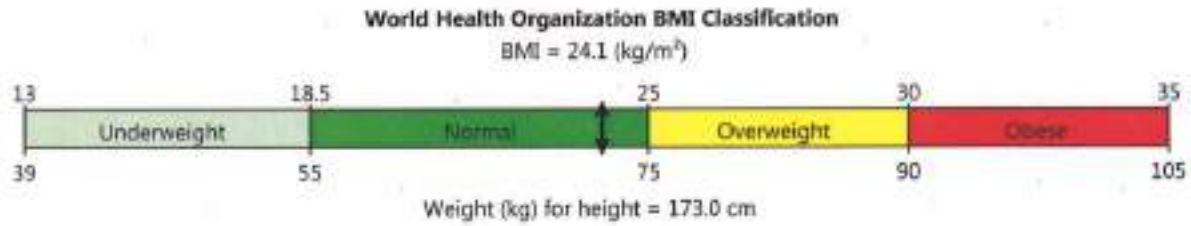


Region	Composition (Enhanced Analysis)					
	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	21.7	-	8.5	1,769	6,378	356
Legs	20.9	-	24.3	4,867	18,445	1,004
Trunk	26.8	-	33.8	8,855	24,143	766
Android	27.1	-	5.0	1,355	3,648	46
Gynoid	23.2	-	11.2	2,533	8,396	234
Total	23.9	25	71.3	16,401	52,249	2,641



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
28-03-2024	30.0	23.9	25	71.3	68,650	16,401	52,249	2,641	54,889	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
28-03-2024	30.0	27.1	23.2	1.17	23.9	

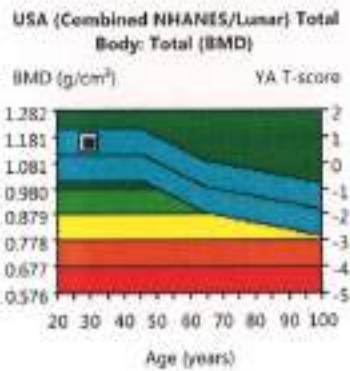


COMMENTS:

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v113); Composition Matched for Age

Patient:	JEETHU NEWAR,		Referring Physician:	(not specified)	
Birth Date:	24-02-1994	Age:	30.0 years	Patient ID:	CSSH09000437006
Height:	173.0 cm	Weight:	72.2 kg	Measured:	28-03-2024 14:34:56 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	28-03-2024 14:34:58 (15 [SP 2])



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.225	-	-
Arms	0.947	-	-
Legs	1.197	-	-
Trunk	0.915	-	-
Ribs	0.797	-	-
Spine	0.963	-	-
Pelvis	1.014	-	-
Total	1.157	0.8	0.4

Statistically 08% of repeat scans fall within 1SD (± 0.010 g/cm³) for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (v113). Matched for Age, Weight (females 25-100 kg), Ethnic

Date created: 02-04-2024 16:47:19 15 [SP 2]. Filename: 9y4bs7jkd.rft. Total Body: 76.01515304314 0.00-1.00 4.8Lx13.0L 11.4%Fat=23.9% 0.00/0.00 0.00/0.00 Scan Mode: Standard: 0.4 μ Gy

DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAI

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: VENKATARAMAN,
Patient ID: CSSH09000151694 Birth Date: 04-06-1953 Height: 166.0 cm
Sex: Female Measured: 18-03-2024 Weight: 60.2 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 0.940 g/cm² with a T-score of -1.4 is considered moderately low. Treatment is advised if there are other risk factors.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	18-03-2024	70.7	0.2 Z-score	-1.4	0.940 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

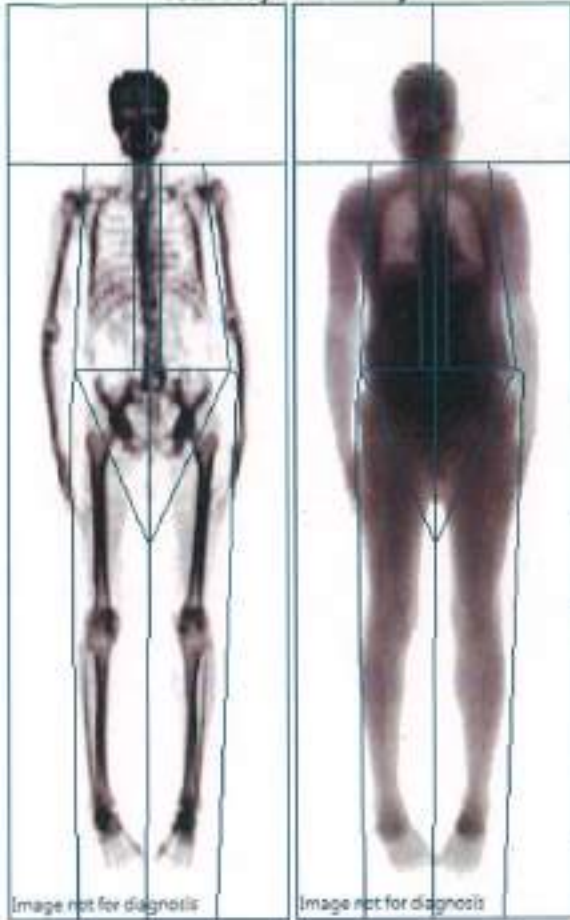
Based on these results, a follow-up exam is recommended in March 2026

(not specified)

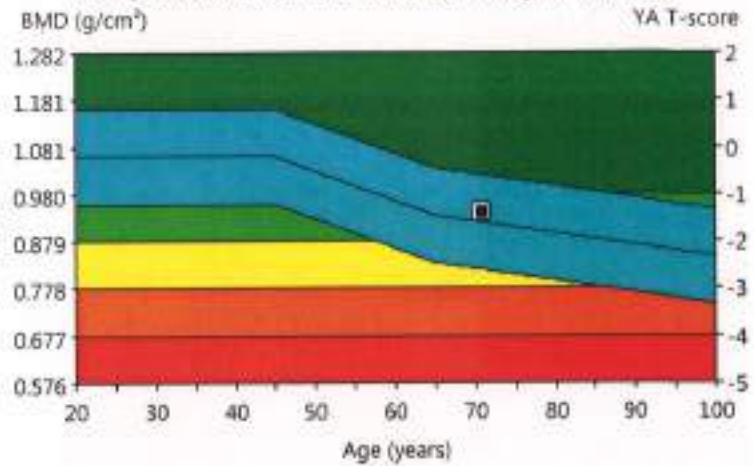

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient: VENKATARAMAN,	Referring Physician: (not specified)
Birth Date: 04-06-1953	Age: 70.7 years
Height: 166.0 cm	Weight: 60.2 kg
Sex: Female	Ethnicity: White
	Patient ID: CSSH09000151694
	Measured: 18-03-2024 08:58:56 (15 [SP 2])
	Analyzed: 18-03-2024 08:58:57 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)

Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	1.533	-	-
Arms	0.856	-	-
Legs	0.960	-	-
Trunk	0.790	-	-
Ribs	0.681	-	-
Spine	1.029	-	-
Pelvis	0.766	-	-
Total	0.940	-1.4	0.2

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (n113); Matched for Age, Weight (females 25-100 kg); Ethnic

Patient: VENKATARAMAN,	Referring Physician: (not specified)
Birth Date: 04-06-1953	Age: 70.7 years
Height: 166.0 cm	Weight: 60.2 kg
Sex: Female	Ethnicity: White
	Patient ID: CSSH09000151694
	Measured: 18-03-2024 08:58:56 (15 [SP 2])
	Analyzed: 18-03-2024 08:58:57 (15 [SP 2])

Total Body Tissue Quantitation

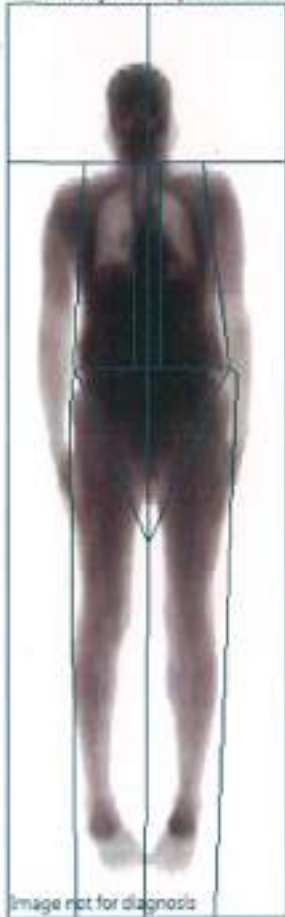
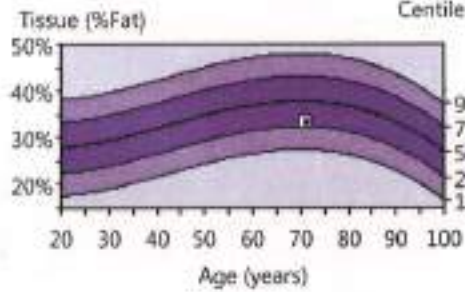


Image not for diagnosis

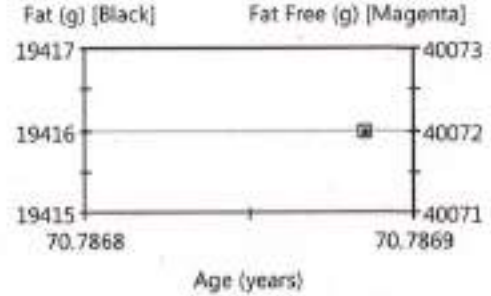
Composition (Enhanced Analysis)

Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	28.1	-	6.0	1,605	4,108	264
Legs	31.8	-	18.5	5,633	12,077	783
Trunk	37.3	-	31.1	11,380	19,135	595
Android	41.6	-	5.3	2,209	3,098	35
Gynoid	32.2	-	8.5	2,683	5,655	203
Total	33.8	31	59.5	19,416	38,110	1,962

USA (Lunar) Total Body: Total



Total Body: Total



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)

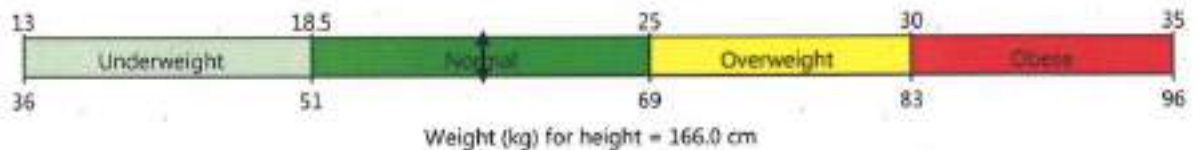
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
18-03-2024	70.7	33.8	31	59.5	57,526	19,416	38,110	1,962	40,072

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)

Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
18-03-2024	70.7	41.6	32.2	1.29	33.8

World Health Organization BMI Classification

BMI = 21.8 (kg/m²)



COMMENTS:

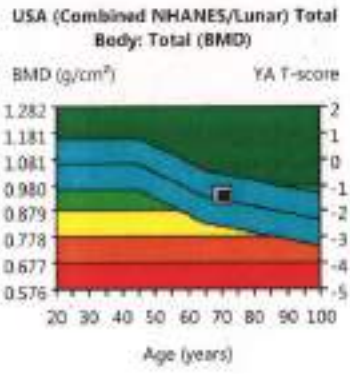

 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.6 % fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±620 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v113); Composition Matched for Age

Date created: 02-04-2024 16:46:58 15 [SP 2]; Filename: l0v1as7jkd0f; Total Body: 76.015153.0431.4 0.00-1.00 4.81x13.01 11.5.%Fat=33.8%; 0.00:0.00 0.00 0.00; Scan Mode: Standard; 0.4 µGy



Patient: VENKATARAMAN,	Referring Physician: (not specified)
Birth Date: 04-06-1953	Age: 70.7 years
Height: 166.0 cm	Weight: 60.2 kg
Sex: Female	Ethnicity: White
	Patient ID: CSSH09000151694
	Measured: 18-03-2024 08:58:56 (15 [SP 2])
	Analyzed: 18-03-2024 08:58:57 (15 [SP 2])



Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score
Head	1.533	-	-
Arms	0.856	-	-
Legs	0.960	-	-
Trunk	0.790	-	-
Ribs	0.681	-	-
Spine	1.029	-	-
Pelvis	0.766	-	-
Total	0.940	-1.4	0.2

Statistically 68% of repeat scans fall within 1SD (± 0.030 g/cm² for Total Body Total), USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (v113); Matched for Age, Weight (males 25-100 kg), Ethnic

Date created: 02-04-2024 16:46:41.15 [SP 2]; Filename: Hlxr7jk.dfb; Total Body: 760.15:153.04314 009:1.00 4.8Lx3.01 11.5% Fat=33.8%; 0.00:0.00 0.000.00; Scan Mode: Standard; 0.4 μ Gy

[Signature]
 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	MR., ALAMEEN	Birth Date:	02-06-2001	Height:	173.0 cm
Patient ID:	CARE093960070	Measured:	22-01-2024	Weight:	62.0 kg
Sex:	Male	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 1.260 g/cm² with a T-score of 0.6 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	22-01-2024	22.6	1.3 Z-score	0.6	1.260 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

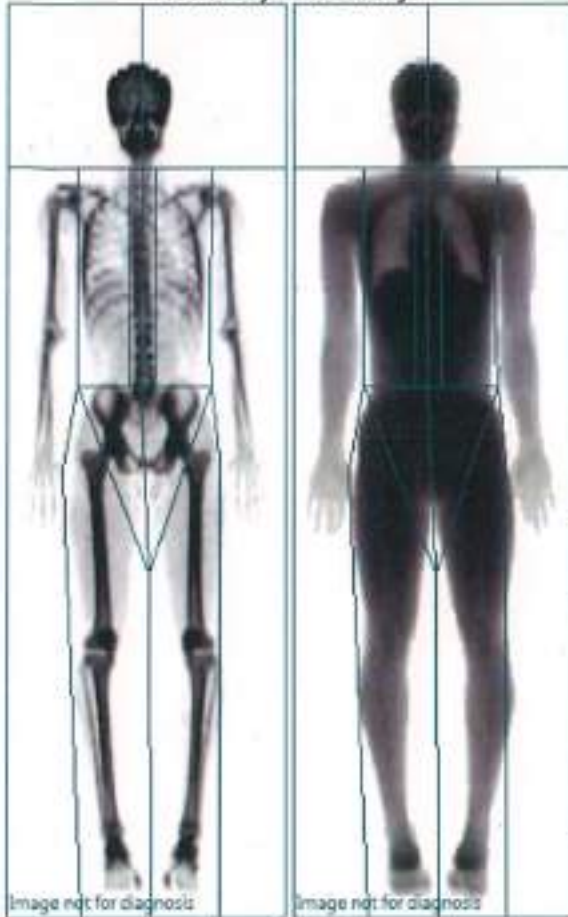
Based on these results, a follow-up exam is recommended in January 2026

(not specified)

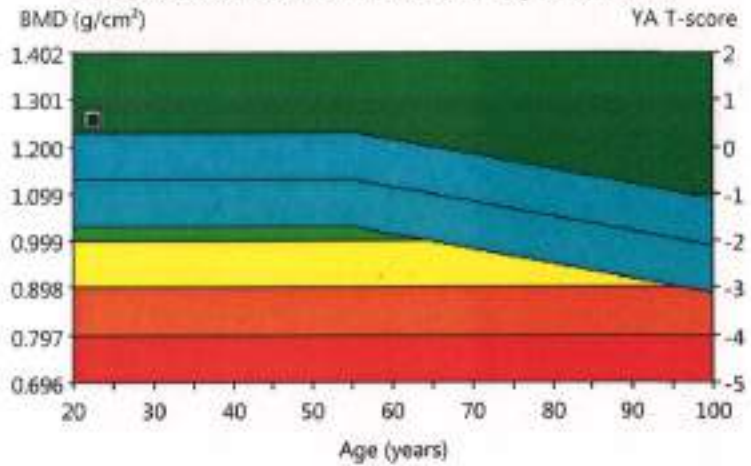

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	MR. ALAMEEN	Referring Physician:	(not specified)
Birth Date:	02-06-2001	Age:	22.6 years
Height:	173.0 cm	Weight:	62.0 kg
Sex:	Male	Ethnicity:	Asian
		Patient ID:	CARE093960070
		Measured:	22-01-2024 10:47:30 (15 [SP 2])
		Analyzed:	22-01-2024 11:28:15 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.022	-	-
Arms	0.742	-	-
Legs	1.446	-	-
Trunk	1.164	-	-
Ribs	0.880	-	-
Spine	1.126	-	-
Pelvis	1.419	-	-
Total	1.260	0.6	1.3

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBARKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (v113); Matched for Age, Weight (males 25-100 kg), Ethnic

Date created: 02-04-2024 16:20:16 15 [SP 2]; Filename: 9cc7s7jk.dfb; Total Body: 76.015 153.04314 0.00 -1.00 4.81x13.01 10.5%Fat=16.1%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 µGy

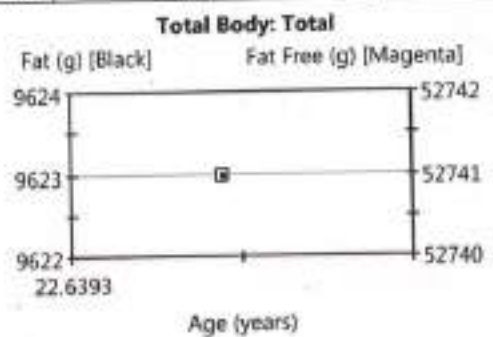
Patient: MR. ALAMEEN	Referring Physician: (not specified)
Birth Date: 02-06-2001	Age: 22.6 years
Height: 173.0 cm	Weight: 62.0 kg
Sex: Male	Ethnicity: Asian
Patient ID: CARE093960070	Measured: 22-01-2024 10:47:30 (15 [SP 2])
Analyzed: 22-01-2024 11:28:15 (15 [SP 2])	

Total Body Tissue Quantitation



Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	17.6	-	8.0	1,346	6,319	373
Legs	17.1	-	21.9	3,542	17,180	1,146
Trunk	14.4	-	28.0	3,912	23,305	782
Android	12.6	-	3.6	450	3,138	51
Gynoid	13.9	-	9.7	1,306	8,117	285
Total	16.1	-	62.4	9,623	49,970	2,771

USA (Lunar) Reference Chart: No reference data for Total Body [Total] region. USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.

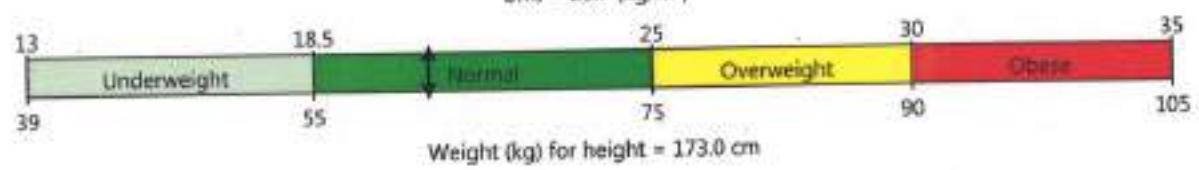


Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
22-01-2024	22.6	16.1	-	62.4	59,593	9,623	49,970	2,771	52,741

Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
22-01-2024	22.6	12.6	13.9	0.91	16.1

World Health Organization BMI Classification

BMI = 20.7 (kg/m²)



COMMENTS:

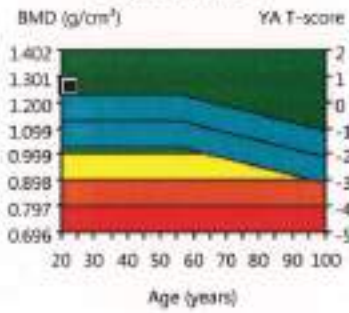

 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v1.13); Composition Matched for Age
 Date created: 02-04-2024 16:29:31 15 [SP 2]; Filename: 9aca7s7jk.dfb; Total Body: 76.0 15:153.04:31.4 0.00-1.00 4.81x13.01 10.5%Fat=16.1%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 µgY
 Lunar Prodigy Advance
 PA+351920

Patient:	MR., ALAMEEN	Referring Physician:	(not specified)
Birth Date:	02-06-2001	Age:	22.6 years
Height:	173.0 cm	Weight:	62.0 kg
Sex:	Male	Ethnicity:	Asian
		Patient ID:	CARE093960070
		Measured:	22-01-2024 10:47:30 (15 [SP 2])
		Analyzed:	22-01-2024 11:28:15 (15 [SP 2])



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.022	-	-
Arms	0.742	-	-
Legs	1.446	-	-
Trunk	1.164	-	-
Ribs	0.880	-	-
Spine	1.126	-	-
Pelvis	1.419	-	-
Total	1.260	0.6	1.3

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (v1113); Matched for Age, Weight (males 25-100 kg), Ethnic.

Date created: 02-04-2024 16:20:11.15 [SP 2] Filename: f0cn7s7j.kdftb; Total Body: 76.015;153.0431;4.0.00-1.00;4.81;13.01;30.5%Fat=16.1%; 0.000.00.0.000.000; Scan Mode: Standard; 0.4 µGy

DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBARKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: VELLIYAMMAL 58YRS, ,
Patient ID: CARE094039014 Birth Date: 01-01-1965 Height: 144.0 cm
Sex: Female Measured: 22-03-2024 Weight: 75.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 0.956 g/cm² with a T-score of -1.2 is considered moderately low. Treatment is advised if there are other risk factors.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	22-03-2024	59.2	-0.8 Z-score	-1.2	0.956 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in March 2026

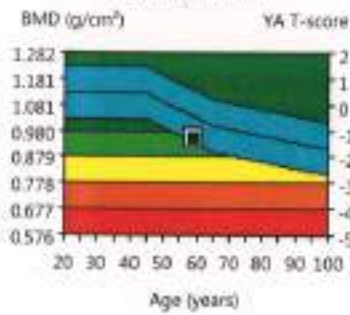
(not specified)


DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	VELLIYAMMAL 58YRS.		Referring Physician:	(not specified)	
Birth Date:	01-01-1965	Age:	59.2 years	Patient ID:	CARE094039014
Height:	144.0 cm	Weight:	75.0 kg	Measured:	22-03-2024 15:21:14 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	22-03-2024 15:21:16 (15 [SP 2])



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.155	-	-
Arms	0.672	-	-
Legs	0.961	-	-
Trunk	0.775	-	-
Ribs	0.708	-	-
Spine	0.981	-	-
Pelvis	0.799	-	-
Total	0.956	-1.2	-0.8

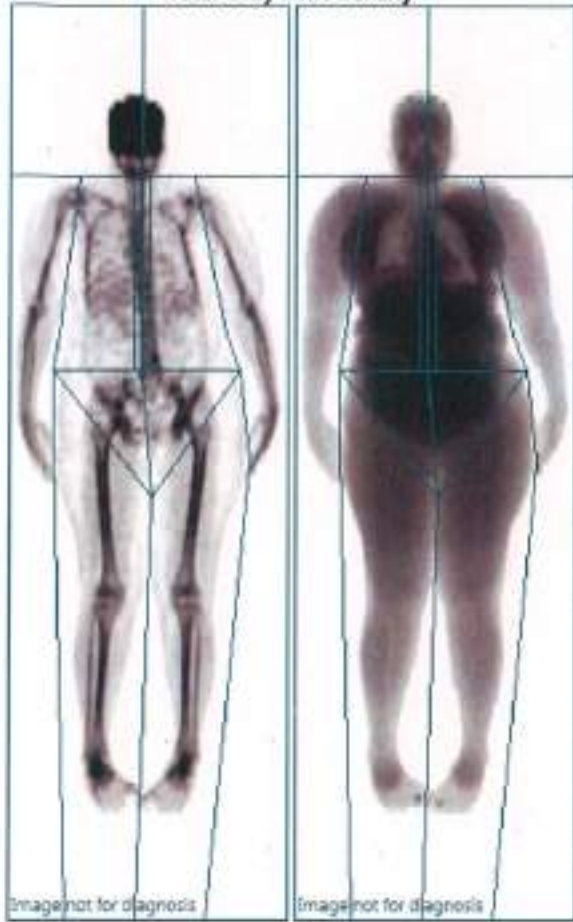
Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (n113); Matched for Age, Weight (Sexes 25-100 kg), Ethnic

Date created: 02-04-2024 16:58:46.15 [SP 2]; Filename: rnpqac7jk.dfb; Total Body: 76.0.15:153.04:31.4 0.00:1.00 4.81x11.01 12.5%Fat=47.2%; 0.000.00 0.00.0.00; Scan Mode: Standard; 0.4 μ Gy

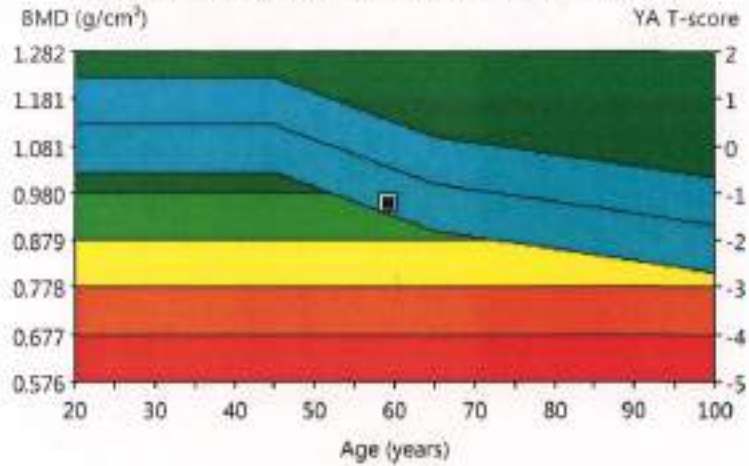
DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELANGAKKAM

Patient:	VELLIYAMMAL 58YRS, .		Referring Physician:	(not specified)	
Birth Date:	01-01-1965	Age:	59.2 years	Patient ID:	CARE094039014
Height:	144.0 cm	Weight:	75.0 kg	Measured:	22-03-2024 15:21:14 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	22-03-2024 15:21:16 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.155	-	-
Arms	0.672	-	-
Legs	0.961	-	-
Trunk	0.775	-	-
Ribs	0.708	-	-
Spine	0.981	-	-
Pelvis	0.799	-	-
Total	0.956	-1.2	-0.8

COMMENTS:

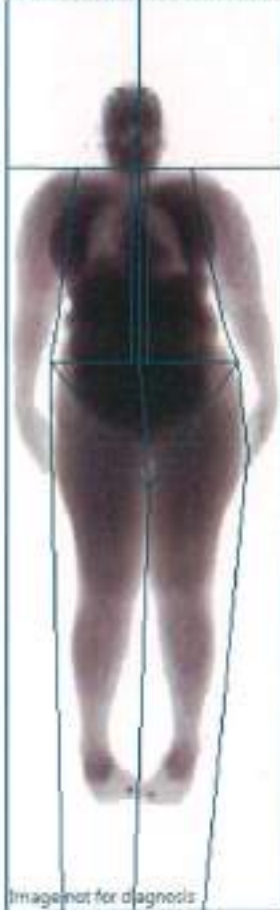

 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBARKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³) for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (N113); Matched for Age, Weight (females 25-100 kg), Ethnic

Date created: 02-04-2024 16:59:00 15 [SP 2] Filename: nqtpas7jk.dfb; Total Body: 760.15153.0431.4 0.00-1.00 4.81x13.01 13.5%FA=47.2%; 0.00.0.00.0.00.0.00; Scan Mode: Standard; 0.4 μ Sy

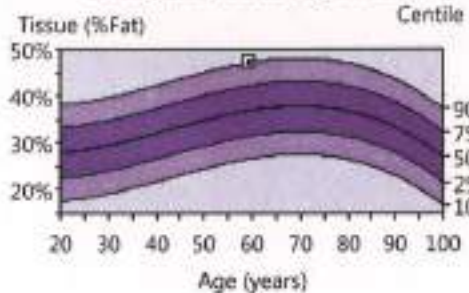
Patient:	VELLIYAMMAL SBYRS.		Referring Physician:	(not specified)	
Birth Date:	01-01-1965	Age:	59.2 years	Patient ID:	CARE094039014
Height:	144.0 cm	Weight:	75.0 kg	Measured:	22-03-2024 15:21:14 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	22-03-2024 15:21:16 (15 [SP 2])

Total Body Tissue Quantitation

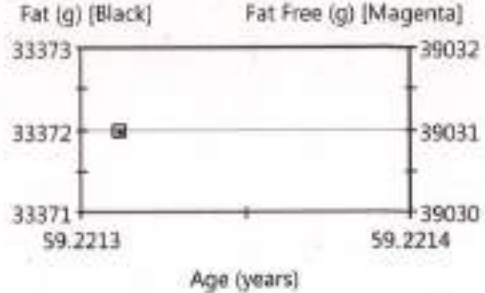


Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	46.0	-	8.1	3,619	4,250	225
Legs	49.2	-	24.9	11,924	12,328	607
Trunk	48.2	-	36.1	17,136	18,448	506
Android	51.1	-	5.8	2,945	2,816	39
Gynoid	51.5	-	10.9	5,536	5,221	154
Total	47.2	90	72.4	33,372	37,315	1,716

USA (Lunar) Total Body: Total



Total Body: Total



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)

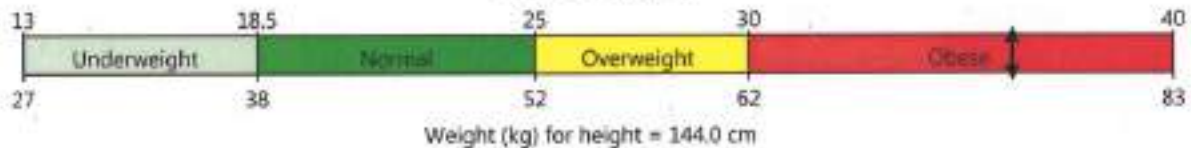
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
22-03-2024	59.2	47.2	90	72.4	70,687	33,372	37,315	1,716	39,031

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)

Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
22-03-2024	59.2	51.1	51.5	0.99	47.2

World Health Organization BMI Classification

BMI = 36.2 (kg/m²)



COMMENTS:

Statistically 98% of repeat scans fall within 1SD ($\pm 0.8\%$ Fat, ± 210 g Tissue Mass, ± 520 g Fat Mass, ± 610 g Lean Mass for Total Body Total) USA (Lunar) Total Body Composition Reference Population (v1113) Composition Matched for Age
 Date created: 02-04-2024 16:59:10 15 [SP 2] Filename: ngrqas7jk.dftc; Total Body: 76:0.15:151.04:31.4 0.00-1.00:4.81:11.01 11.5% Fat=47.2%; 0.000:0.000:0.000:0.00; Scan Mode: Standard 0.4 μ Gy


 DEPARTMENT OF RADIOLOGY
 TETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: PANEER SELVAM 63YRS,
Patient ID: CARE092968479 Birth Date: 15-01-1961 Height: 159.0 cm
Sex: Male Measured: 25-03-2024 Weight: 65.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Femur Neck Left is 0.710 g/cm² with a T-score of -2.8 is low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.
The BMD measured at Femur Neck Right is 0.672 g/cm² with a T-score of -3.1 is markedly low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.
The BMD measured at Femur Total Left is 0.797 g/cm² with a T-score of -2.1 is low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.
The BMD measured at Femur Total Right is 0.803 g/cm² with a T-score of -2.1 is low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.
The BMD measured at AP Spine L1-L4 is 0.988 g/cm² with a T-score of -2.0 is low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
DualFemur	Neck Left	25-03-2024	63.1	-1.5 Z-score	-2.8	0.710 g/cm ²
DualFemur	Neck Right	25-03-2024	63.1	-1.7 Z-score	-3.1	0.672 g/cm ²
DualFemur	Total Left	25-03-2024	63.1	-1.3 Z-score	-2.1	0.797 g/cm ²
DualFemur	Total Right	25-03-2024	63.1	-1.3 Z-score	-2.1	0.803 g/cm ²
AP Spine	L1-L4	25-03-2024	63.1	-1.2 Z-score	-2.0	0.988 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

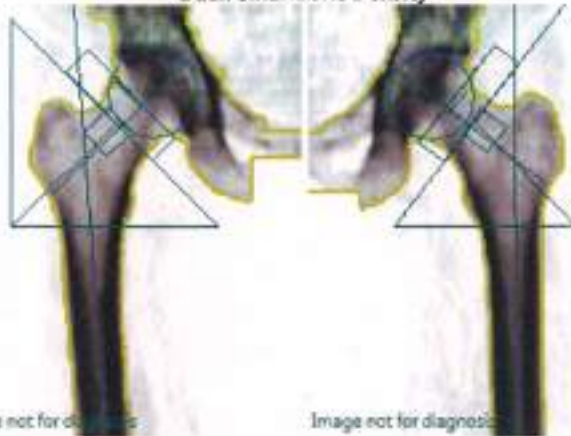
People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in March 2025

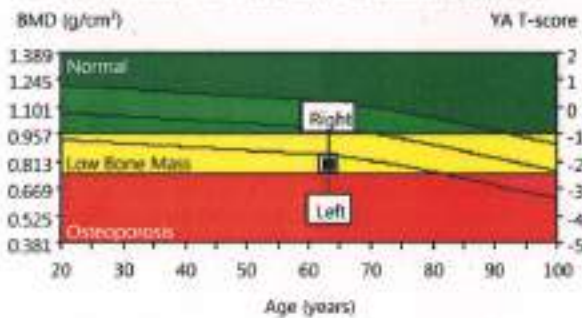
(not specified)

Patient:	PANEER SELVAM 63YRS,		Referring Physician:	(not specified)	
Birth Date:	15-01-1961	Age:	63.1 years	Patient ID:	CARE092968479
Height:	159.0 cm	Weight:	65.0 kg	Measured:	25-03-2024 11:30:20 (15 [SP 2])
Sex:	Male	Ethnicity:	White	Analyzed:	25-03-2024 11:35:35 (15 [SP 2])

DualFemur Bone Density



USA (Combined NHANES/Lunar) DualFemur: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar)			
Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Neck Left	0.710	-2.8	-1.5
Neck Right	0.672	-3.1	-1.7
Neck Mean	0.691	-2.9	-1.6
Neck Diff.	0.037	0.3	0.3
Total Left	0.797	-2.1	-1.3
Total Right	0.803	-2.1	-1.3
Total Mean	0.800	-2.1	-1.3
Total Diff.	0.006	0.0	0.0

HAL chart results unavailable

(Right = 101.1 mm) (Left = 99.3 mm)

Right=101.1 mm Mean=N/A mm Left=99.3 mm

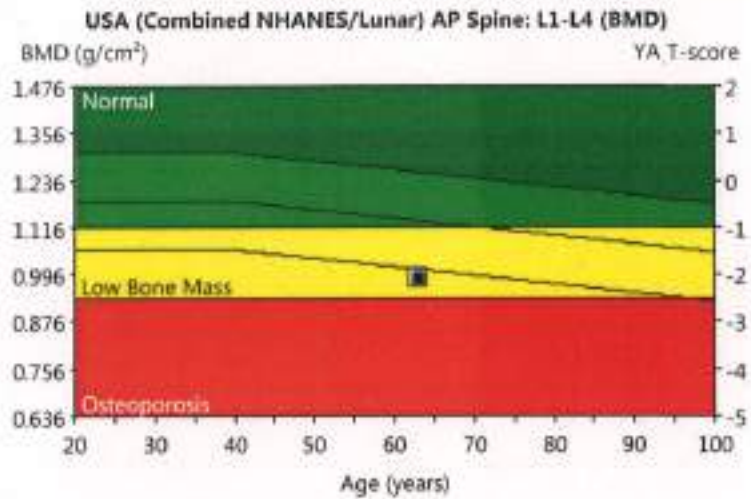
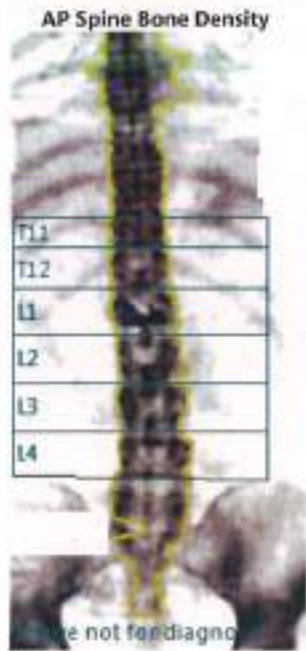
COMMENTS:


DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for DualFemur Total); USA (Combined NHANES (ages 20-10) / Lunar (ages 20-80) Femur Reference Population (vL13); Matched for Age, Weight (males 25-100 kg), Ethnic; DualFemur Total T-score difference is 0.0, Asymmetry is None; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women; Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores)

Date created: 02-04-2024 16:57:23 15 [SP 2]; Filename: 923was2j.kdfl; ; Left Femur: 76:0.75:50:03:12:0:0.00:10:44:0.60x1.05 17.7%Fat=33.3% 0.00:0.00 0.00:0.00; Neck Angle (deg)= 52; Scan Mode: Thin; 9.0 μ Gy; Right Femur: 76:0.75:50:03:12:0:0.00:10:80:0.60x1.05 18.6%Fat=35.3% 0.00:0.00 0.00:0.00; Neck Angle (deg)= 45; Scan Mode: Thin; 9.0 μ Gy

Patient:	PANEER SELVAM 63YRS,	Referring Physician:	(not specified)
Birth Date:	15-01-1961	Age:	63.1 years
Height:	159.0 cm	Weight:	65.0 kg
Sex:	Male	Ethnicity:	White
		Patient ID:	CARE092968479
		Measured:	25-03-2024 11:30:20 (15 [SP 2])
		Analyzed:	25-03-2024 11:35:35 (15 [SP 2])



Densitometry: USA (Combined NHANES/Lunar)

Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score
L1	1.016	-1.3	-0.4
L2	0.952	-2.5	-1.6
L3	1.036	-1.8	-0.9
L4	0.953	-2.4	-1.6
L1-L4	0.988	-2.0	-1.2

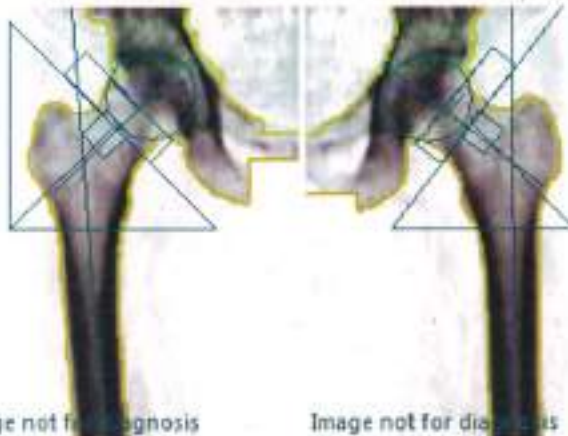
COMMENTS:

DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm² for AP Spine L1-L4); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) AP Spine Reference Population (n=110), matched for Age, Weight (males 25-100 kg), Ethnic: World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.)

Date created: 02-04-2024 16:57:17.15 [SP 2]; Filename: 929wa7jk.dtc; AP Spine: 76.100:50.03:12.0:0.00:10.62:0.60xL05:24.2%Fat=40.7%; 0.00:0.00:0.00:0.00; Scan Mode: StandardOneScan; 37.0 μ Ry

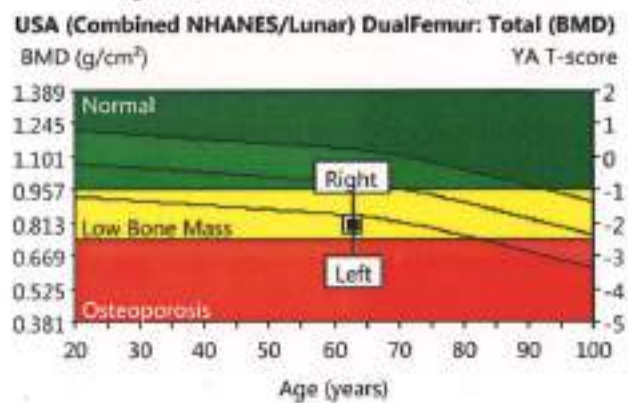
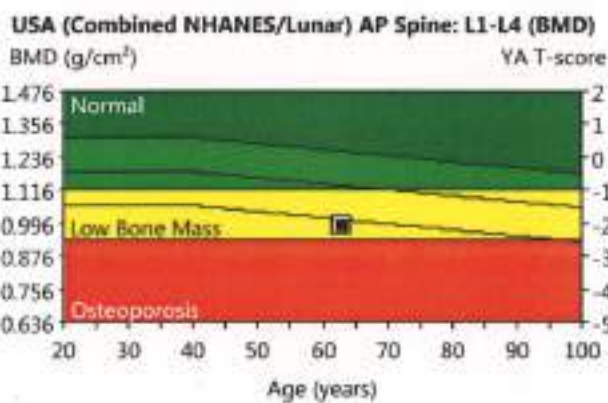
Patient:	PANEER SELVAM 63YRS.		Referring Physician:	(not specified)	
Birth Date:	15-01-1961	Age:	63.1 years	Patient ID:	CARE092968479
Height:	159.0 cm	Weight:	65.0 kg	Measured:	25-03-2024 11:30:20 (15 [SP 2])
Sex:	Male	Ethnicity:	White	Analyzed:	25-03-2024 11:35:35 (15 [SP 2])



HAL chart results unavailable

(Right = 101.1 mm) (Left = 99.3 mm)

Right=101.1 mm Mean=N/A mm Left=99.3 mm



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score	WHO Classification
AP Spine L1-L4	0.988	-2.0	-1.2	Low Bone Mass
DualFemur				
Total Left	0.797	-2.1	-1.3	Low Bone Mass
Total Right	0.803	-2.1	-1.3	Low Bone Mass
Total Mean	0.800	-2.1	-1.3	Low Bone Mass
Total Diff.	0.006	0.0	0.0	N/A

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Statistically 88% of repeat scans fall within 1SD (± 0.010 g/cm³ for AP Spine L1-L4; ± 0.010 g/cm³ for DualFemur Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) AP Spine Reference Population (v113); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Femur Reference Population (v113); AP Spine Matched for Age, Weight (males 25-100 kg), Ethnic; DualFemur Total T-score difference is 0.0. Asymmetry is None; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores)

Date created: 02-04-2024 16:57:22 15 [SP 2]; Filename: 923was7jll.dic; AP Spine: 763.0050.03:12.0 0.00:10.62 0.60x1.05 24.2%Fat=40.7%; 0.00:0.00 0.00:0.00; Scan Mode: StandardOneScan; 17.0 μ Gy; Left Femur: 760.7550.03:12.0 0.00:10.44 0.60x1.05 17.7%Fat=31.3%; 0.00:0.00 0.00:0.00; Neck Angle (deg)= 52; Scan Mode: Thin; 9.0 μ Gy; Right Femur: 760.7550.03:12.0 0.00:10.80 0.60x1.05 18.6%Fat=35.1%; 0.00:0.00 0.00:0.00; Neck Angle (deg)= 45; Scan Mode: Thin; 9.0 μ Gy

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	KRISHNADOSS,	Birth Date:	14-04-1963	Height:	169.0 cm
Patient ID:	CARE090979622	Measured:	12-01-2024	Weight:	85.0 kg
Sex:	Male	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 1.357 g/cm² with a T-score of 1.6 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	12-01-2024	60.7	0.4 Z-score	1.6	1.357 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

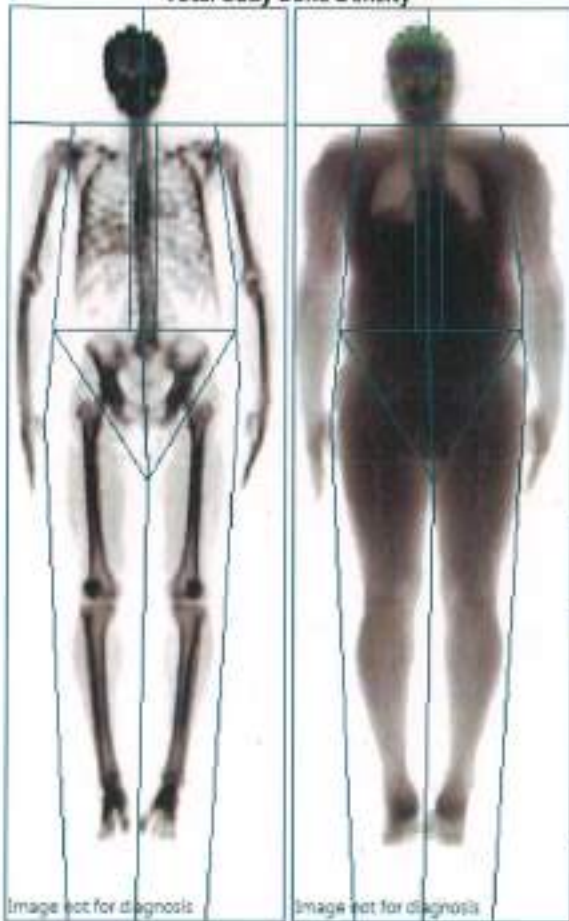
Based on these results, a follow-up exam is recommended in January 2026

(not specified)

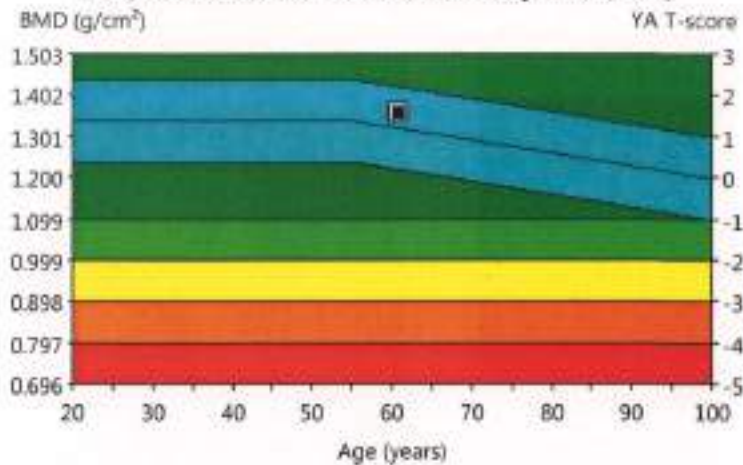

DEPARTMENT OF RADIOLOGY
CHETTIVAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	KRISHNADOSS,		Referring Physician:	(not specified)	
Birth Date:	14-04-1963	Age:	60.7 years	Patient ID:	CARE090979622
Height:	169.0 cm	Weight:	85.0 kg	Measured:	12-01-2024 11:37:34 (15 [SP 2])
Sex:	Male	Ethnicity:	Black	Analyzed:	12-01-2024 11:37:37 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.428	-	-
(e) Arms	1.057	-	-
Legs	1.388	-	-
Trunk	1.178	-	-
Ribs	1.090	-	-
Spine	1.435	-	-
Pelvis	1.156	-	-
(e) Total	1.357	1.6	0.4

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

(e) - Estimated. Statistically 68% of repeat scans fall within 1SD (± 0.020 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (n113); Matched for Age, Weight (males 25-100 kg), Ethnic

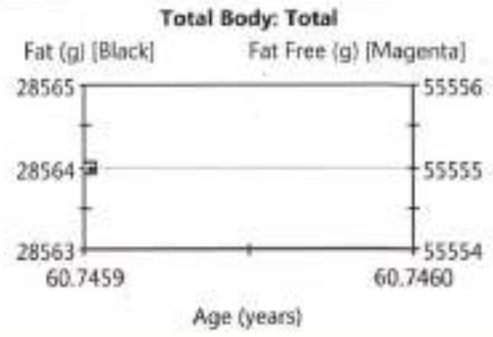
Date created: 02-04-2024 16:04:29 15 [SP 2] Filename: low47v7jk.dft; Total Body: 76.015:153.04:31.4 0.00-1.00 4.81:23.01 13.0% Fat = 35.2% 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 µGy

Patient: KRISHNADOSS,	Referring Physician: (not specified)	
Birth Date: 14-04-1963	Age: 60.7 years	Patient ID: CARE090979622
Height: 169.0 cm	Weight: 85.0 kg	Measured: 12-01-2024 11:37:34 (15 [SP 2])
Sex: Male	Ethnicity: Black	Analyzed: 12-01-2024 11:37:37 (15 [SP 2])



Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
(e) Arms	25.8	-	9.6	2,367	6,819	449
Legs	32.5	-	29.0	9,029	18,771	1,150
Trunk	40.7	-	40.9	16,265	23,714	913
Android	46.0	-	6.4	2,939	3,454	43
Gynoid	33.7	-	12.5	4,120	8,101	270
(e) Total	35.2	-	84.1	28,564	52,496	3,059

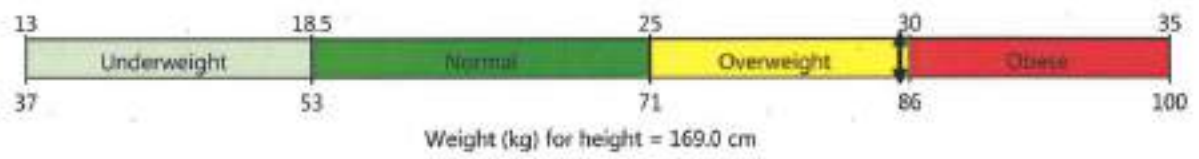
USA (Lunar) Reference Chart: No reference data for Total Body [Total] region.
USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
(e) 12-01-2024	60.7	35.2	-	84.1	81,060	28,564	52,496	3,059	55,555

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
(e) 12-01-2024	60.7	46.0	33.7	1.36	35.2	

World Health Organization BMI Classification
 BMI = 29.8 (kg/m³)

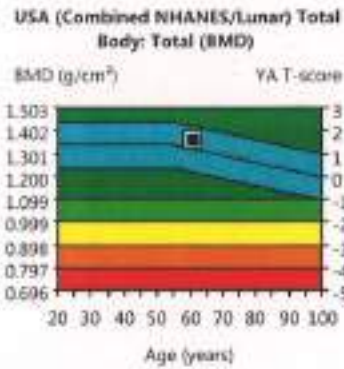


COMMENTS:

CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

(e) - Estimated: Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total) USA (Lunar) Total Body Composition Reference Population (M113); Composition Matched for Age
 Date created: 02-04-2024 16:04:44 15 [SP 2]; Filename: low47s7jk.dft; Total Body: 760 15 153 04 31 4 000-1 00 4 81x13 01 13.0%Fat=35.2%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 µCy
 Lunar Prodigy Advance
 PA+351920

Patient: KRISHNADOSS,	Age: 60.7 years	Referring Physician: (not specified)
Birth Date: 14-04-1963	Weight: 85.0 kg	Patient ID: CARE090979622
Height: 169.0 cm	Ethnicity: Black	Measured: 12-01-2024 11:37:34 (15 [SP 2])
Sex: Male		Analyzed: 12-01-2024 11:37:37 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.428	-	-
(el)Arms	1.057	-	-
Legs	1.388	-	-
Trunk	1.178	-	-
Ribs	1.090	-	-
Spine	1.435	-	-
Pelvis	1.156	-	-
(el)Total	1.357	1.6	0.4

(el) - Estimated; Statistically 48% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (n113); Matched for Age, Weight (males 25-100 kg), Ethnic.

Date created: 07-04-2024 16:04:29 (15 [SP 2]) Filename: iow47s7jkoff; Total Body: 76.035:153.00:31.4 0.00:-1.00 4.81x13.01 13.01%Fat=35.2%; 0.00:0.00:0.00:0.00; Scan Mode: Standard; 0.4 μ Gy

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBARKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	KANJIVALAVAN, VENKATESAN				
Patient ID:	CSSH09000434856	Birth Date:	21-10-1988	Height:	172.0 cm
Sex:	Male	Measured:	24-02-2024	Weight:	63.6 kg
Indications:		Fractures:		Treatments:	

ASSESSMENT:

The BMD measured at Total Body Total is 1.178 g/cm² with a T-score of -0.2 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	24-02-2024	35.3	0.4 Z-score	-0.2	1.178 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

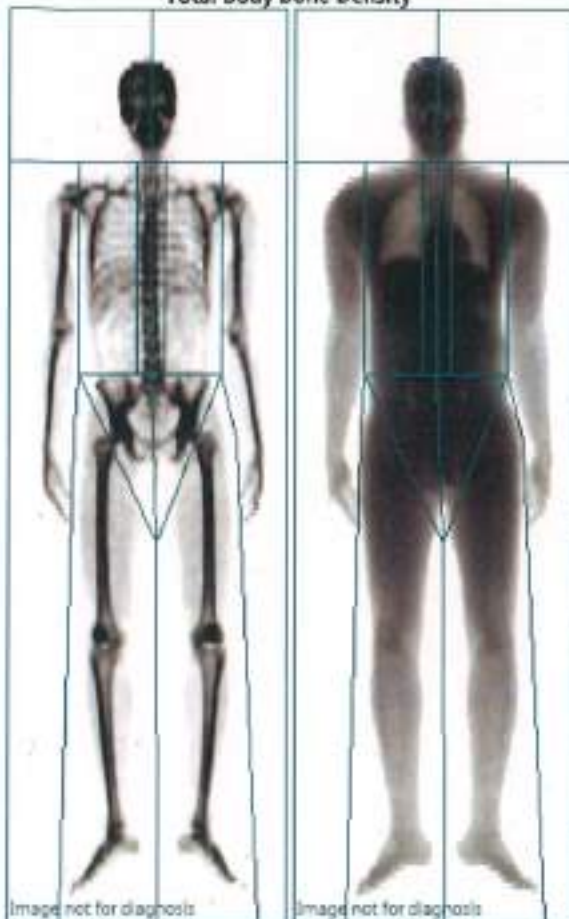
People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in February 2026

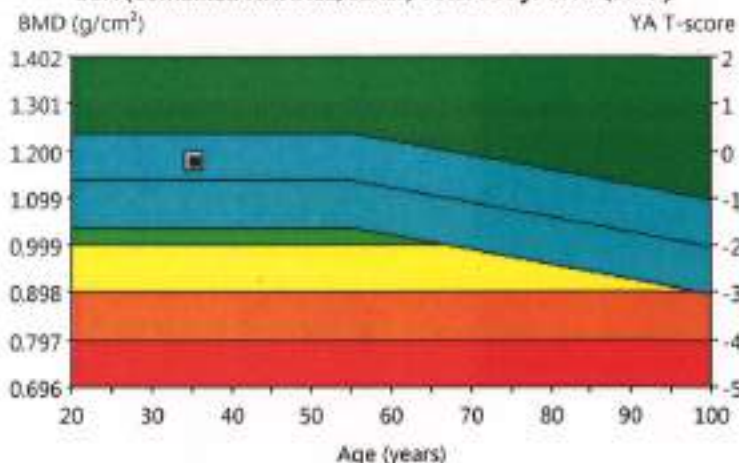
(not specified)

Patient:	KANIVALAVAN, VENKATESAN			Referring Physician:	(not specified)
Birth Date:	21-10-1988	Age:	35.3 years	Patient ID:	CSSH09000434856
Height:	172.0 cm	Weight:	63.6 kg	Measured:	24-02-2024 11:26:31 (15 [SP 2])
Sex:	Male	Ethnicity:	Asian	Analyzed:	24-02-2024 11:26:32 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)

Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score
Head	1.822	-	-
Arms	0.956	-	-
Legs	1.251	-	-
Trunk	1.051	-	-
Ribs	0.905	-	-
Spine	1.198	-	-
Pelvis	1.119	-	-
Total	1.178	-0.2	0.4

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHESTNAD HOSPITAL & RESEARCH INSTITUTE
 RELAMPALAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm² for Total Body Total) USA (Combined NHANES (ages 20-30) / Lunar (ages 30-100) Total Body Total) (p113); Matched for Age, Weight (males 25-100 kg), Ethnic

Patient:	KANIVALAVAN, VENKATESAN		Referring Physician:	(not specified)	
Birth Date:	21-10-1988	Age:	35.3 years	Patient ID:	CSSH09000434856
Height:	172.0 cm	Weight:	63.6 kg	Measured:	24-02-2024 11:26:31 (15 [SP 2])
Sex:	Male	Ethnicity:	Asian	Analyzed:	24-02-2024 11:26:32 (15 [SP 2])

Total Body Tissue Quantitation

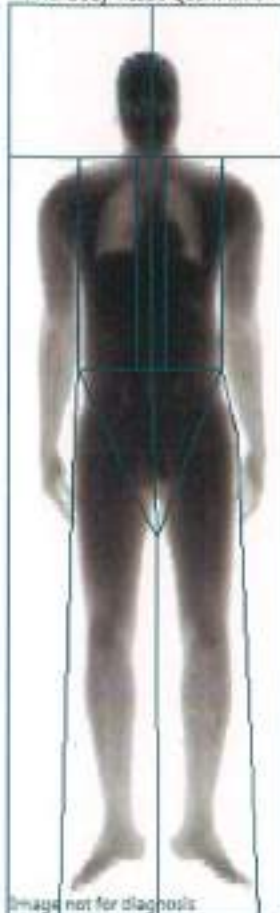
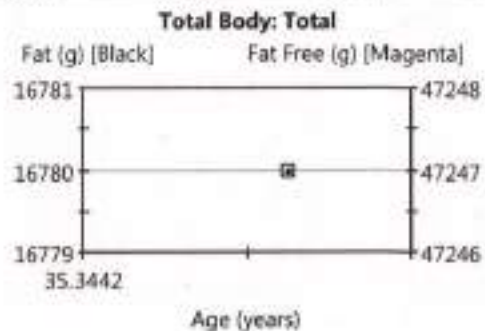


Image not for diagnosis.

Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	17.6	-	8.4	1,406	6,597	363
Legs	24.3	-	20.8	4,820	15,044	886
Trunk	32.5	-	30.8	9,749	20,251	815
Android	35.9	-	4.5	1,598	2,851	49
Gynoid	29.5	-	9.4	2,721	6,500	210
Total	27.2	-	64.0	16,780	44,814	2,433

USA (Lunar) Reference Chart: No reference data for Total Body [Total] region. USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
24-02-2024	35.3	27.2	-	64.0	61,594	16,780	44,814	2,433	47,247	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
24-02-2024	35.3	35.9	29.5	1.22	27.2	

World Health Organization BMI Classification

BMI = 21.5 (kg/m²)

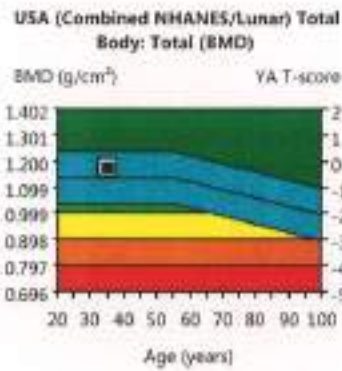


COMMENTS:

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass) for Total Body Total; USA (Lunar) Total Body Composition Reference Population (x113); Composition Matched for Age
Date created: 02-04-2024 16:33:12 15 [SP 2]; Filename: nic97jk.dfb; Total Body, 76.015:153.04:31.4 0.00 -1.00 4.81±13.01 11.0%Fat=27.2%; 0.00 0.00 0.00 0.00; Scan Mode: Standard; 0.4 µGy

Patient:	KANIVALAVAN, VENKATESAN		Referring Physician:	(not specified)	
Birth Date:	21-10-1988	Age:	35.3 years	Patient ID:	CSSH09000434856
Height:	172.0 cm	Weight:	63.6 kg	Measured:	24-02-2024 11:26:31 (15 [SP 2])
Sex:	Male	Ethnicity:	Asian	Analyzed:	24-02-2024 11:26:32 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.822	-	-
Arms	0.956	-	-
Legs	1.251	-	-
Trunk	1.051	-	-
Ribs	0.905	-	-
Spine	1.198	-	-
Pelvis	1.119	-	-
Total	1.178	-0.2	0.4

Statistically 68% of repeat scans fall within 1SD (± 0.030 g/cm³ for Total Body Total). USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (n=113); Matched for Age, Weight (males 25-100 kg), Ethnic.

Date created: 02-04-2024 10:32:53 15 [SP 2]; Filename: nvc1n7jls.dfb; Total Body: T6:0.1515104314 0.00-1.00 4.81x13.00 11.0% Fat=27.2%; 0.000000 0.000000; Scan Mode: Standard; 0.4 μ Gy


 DEPARTMENT OF RADIOLOGY
 STINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: JAYAPRABA, MOHAN
Patient ID: CSSH09000434855 Birth Date: 22-09-1988 Height: 162.0 cm
Sex: Female Measured: 24-02-2024 Weight: 69.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.134 g/cm³ with a T-score of 0.5 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	24-02-2024	35.4	0.4 Z-score	0.5	1.134 g/cm ³

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

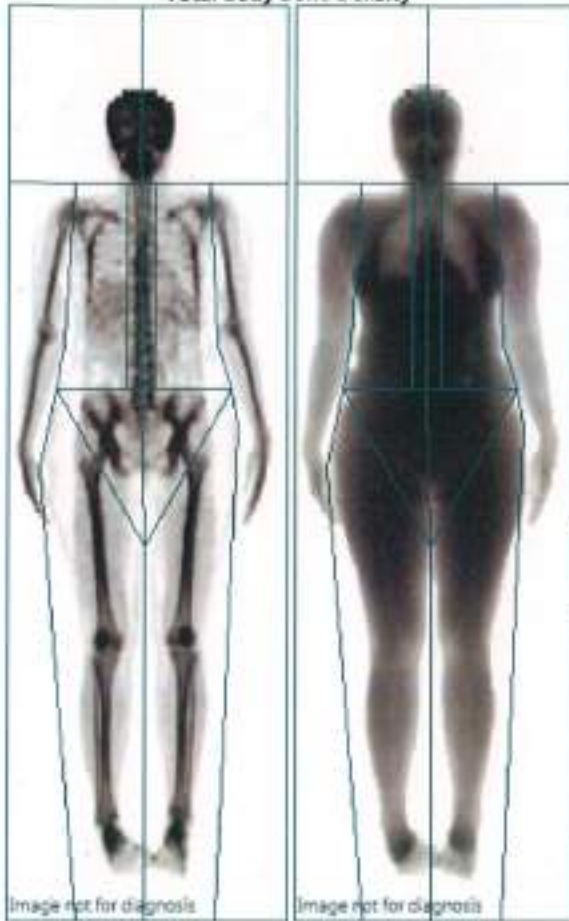
People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in February 2026

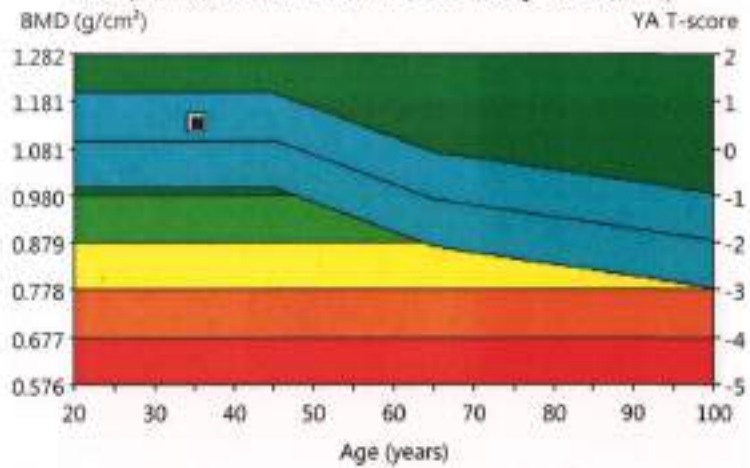
(not specified)

Patient:	JAYAPRABA, MOHAN		Referring Physician:	(not specified)	
Birth Date:	22-09-1988	Age:	35.4 years	Patient ID:	CSSH09000434855
Height:	162.0 cm	Weight:	69.0 kg	Measured:	24-02-2024 11:11:43 (15 [SP 2])
Sex:	Female	Ethnicity:	Asian	Analyzed:	24-02-2024 11:11:44 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.997	-	-
Arms	0.845	-	-
Legs	1.172	-	-
Trunk	0.946	-	-
Ribs	0.772	-	-
Spine	1.037	-	-
Pelvis	1.058	-	-
Total	1.134	0.5	0.4

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (N=113); Matched for Age, Weight (females 25-100 kg), Ethnic

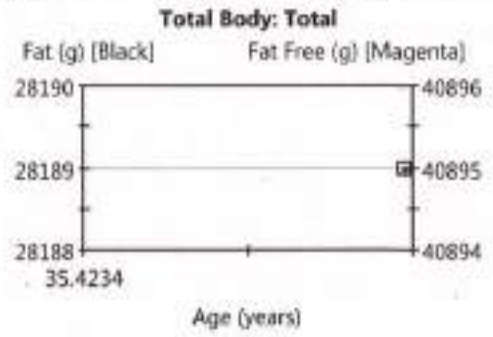
Date created: 02-04-2024 16:34:17 15 [SP 2]; Filename: L7k9s7jkdfb; Total Body: 760.15:153.04:3L4 0.00-1.09 4.81x13.01 12.0:~Fat=42.1%; 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 uGy

Patient: JAYAPRABA, MOHAN	Referring Physician: (not specified)	
Birth Date: 22-09-1988	Age: 35.4 years	Patient ID: CSSH09000434855
Height: 162.0 cm	Weight: 69.0 kg	Measured: 24-02-2024 11:11:43 (1S [SP 2])
Sex: Female	Ethnicity: Asian	Analyzed: 24-02-2024 11:11:44 (1S [SP 2])



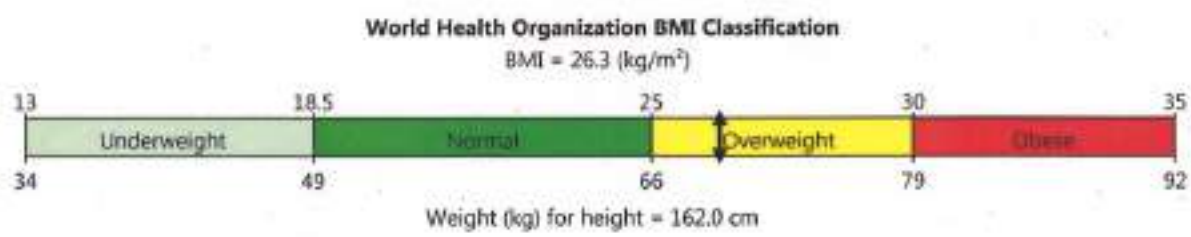
Region	Composition (Enhanced Analysis)					
	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	42.1	-	6.9	2,788	3,832	266
Legs	43.9	-	25.3	10,763	13,768	788
Trunk	43.0	-	32.9	13,855	18,340	657
Android	45.3	-	5.0	2,234	2,700	46
Gynoid	46.9	-	11.4	5,238	5,923	197
Total	42.1	-	69.1	28,189	38,731	2,164

USA (Lunar) Reference Chart: No reference data for Total Body [Total] region. USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
24-02-2024	35.4	42.1	-	69.1	66,920	28,189	38,731	2,164	40,895	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
24-02-2024	35.4	45.3	46.9	0.96	42.1	

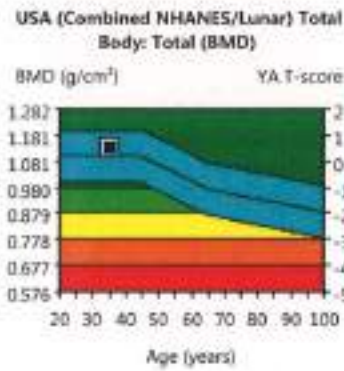


COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTIKAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (+ 0.8 % Fat, +210 g Tissue Mass, +520 g Fat Mass, +620 g Lean Mass for Total Body Total), USA (Lunar) Total Body Composition Reference Population (v113); Composition Matched for Age
 Date created: 02-04-2024 16:34:28 15 [SP 2]; Filename: 17k9j7k.dfb; Total Body: 76.015153 04314 0.00; L00 4.81x13.01 L2.0%Fat=42.1%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 µGy

Patient:	JAYAPRABA, MOHAN		Referring Physician:	(not specified)	
Birth Date:	22-09-1988	Age:	35.4 years	Patient ID:	CSSH09000434855
Height:	162.0 cm	Weight:	69.0 kg	Measured:	24-02-2024 11:11:43 (15 [SP 2])
Sex:	Female	Ethnicity:	Asian	Analyzed:	24-02-2024 11:11:44 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.997	-	-
Arms	0.845	-	-
Legs	1.172	-	-
Trunk	0.946	-	-
Ribs	0.772	-	-
Spine	1.037	-	-
Pelvis	1.058	-	-
Total	1.134	0.5	0.4

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (x113); Matched for Age, Weight (females 25-100 kg), Ethnic

Date created: 02-04-2024 16:33:51.15 [SP 2]; Filename: L7x9u7j&c.dfb; Total Body; 76.015;153.04;31.4 0.00 -1.00 4.81x13.00 12.0%Fat=42.1%; 0.00;0.00; 0.00;0.00; Scan Mode: Standard; 0.4 µGy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	G, RAJA LAKSHMI	Birth Date:	20-02-1962	Height:	146.0 cm
Patient ID:	CSSH09000435009	Measured:	26-02-2024	Weight:	67.0 kg
Sex:	Female	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 1.194 g/cm² with a T-score of 1.1 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	26-02-2024	62.0	2.1 Z-score	1.1	1.194 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

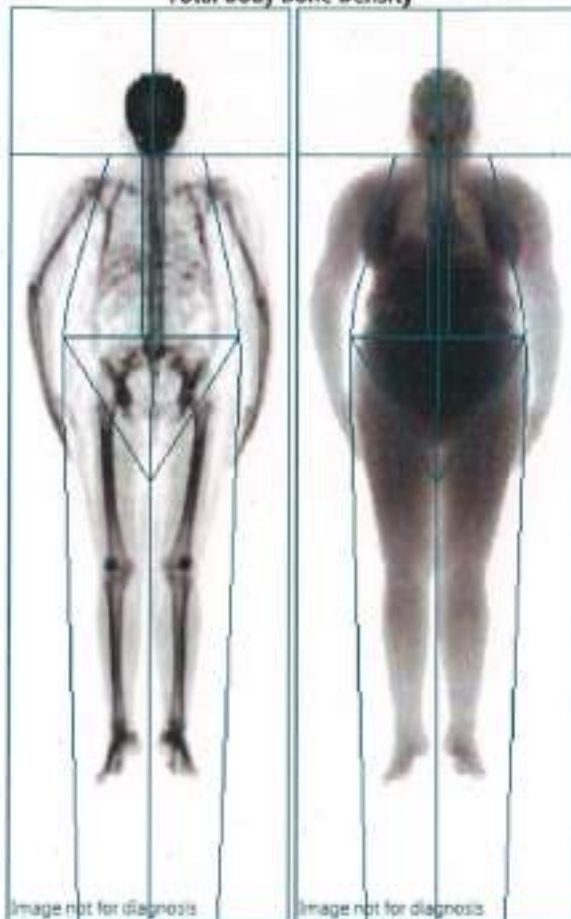
People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in February 2026

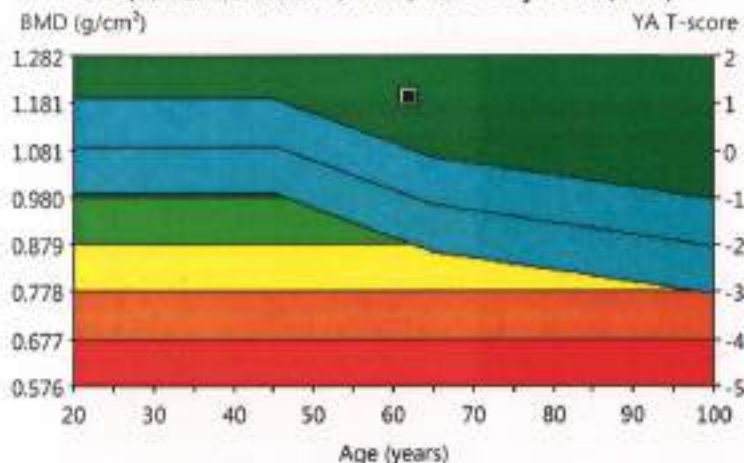
(not specified)

Patient:	G. RAJA LAKSHMI		Referring Physician:	(not specified)	
Birth Date:	20-02-1962	Age:	62.0 years	Patient ID:	CSSH09000435009
Height:	146.0 cm	Weight:	67.0 kg	Measured:	26-02-2024 10:33:40 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	26-02-2024 10:33:41 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.490	-	-
Arms	0.867	-	-
Legs	1.159	-	-
Trunk	0.969	-	-
Ribs	0.782	-	-
Spine	1.244	-	-
Pelvis	1.030	-	-
Total	1.194	1.1	2.1

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTIYAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total), USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (n113); Matched for Age, Weight (females 25-100 kg), Ethnic

Patient: G, RAJA LAKSHMI	Referring Physician: (not specified)
Birth Date: 20-02-1962	Age: 62.0 years
Height: 146.0 cm	Weight: 67.0 kg
Sex: Female	Ethnicity: White
	Patient ID: CSSH09000435009
	Measured: 26-02-2024 10:33:40 (15 [SP 2])
	Analyzed: 26-02-2024 10:33:41 (15 [SP 2])

Total Body Tissue Quantitation

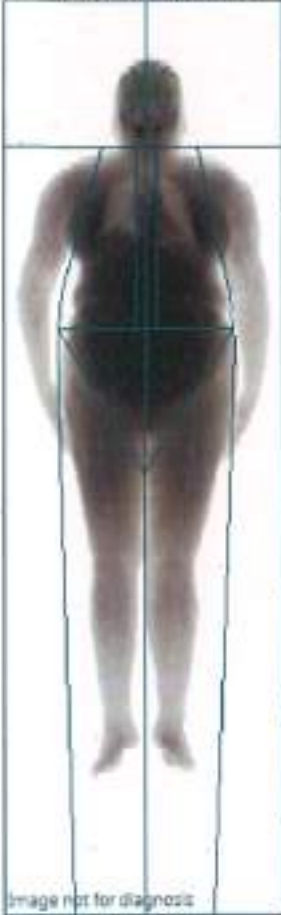
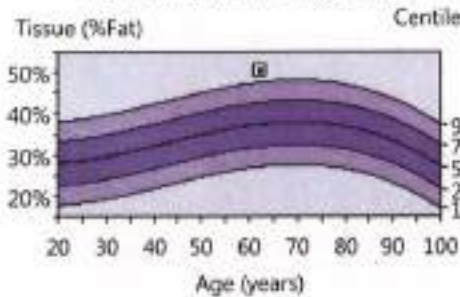


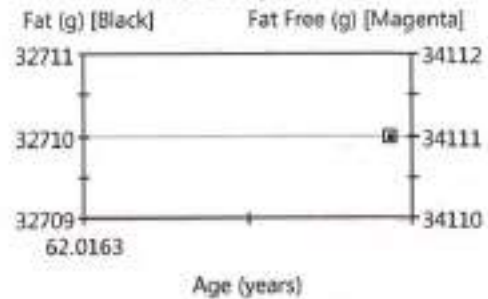
Image not for diagnosis

Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	51.4	-	7.6	3,806	3,602	240
Legs	49.1	-	20.4	9,708	10,053	643
Trunk	53.5	-	34.9	18,362	15,982	565
Android	55.8	-	5.5	3,068	2,426	37
Gynoid	53.1	-	10.0	5,231	4,617	183
Total	50.4	95	66.8	32,710	32,200	1,911

USA (Lunar) Total Body: Total



Total Body: Total

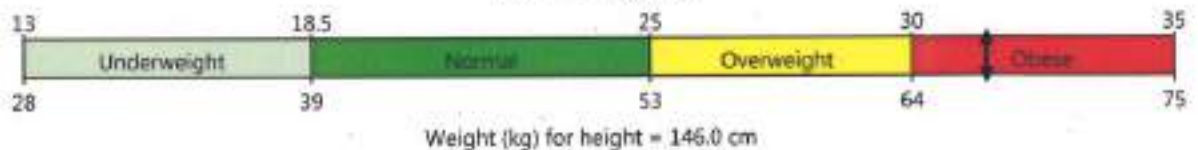


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
26-02-2024	62.0	50.4	95	66.8	64,910	32,710	32,200	1,911	34,111	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
26-02-2024	62.0	55.8	53.1	1.05	50.4	

World Health Organization BMI Classification

BMI = 31.4 (kg/m²)



COMMENTS:

Statistically 68% of repeat scans fall within 1SD ($\pm 0.8\%$ Fat, ± 210 g Tissue Mass, ± 210 g Fat Mass, ± 410 g Lean Mass for Total Body Total); USA (Lunar) Total Body: Total Reference Population (n=113); Composition Matched for Age

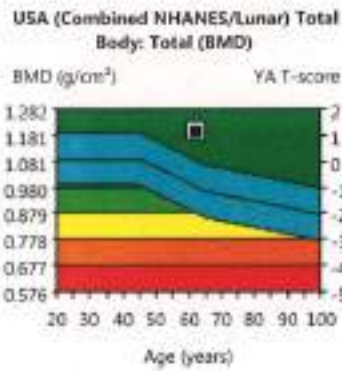
Date created: 02-04-2024 16:35:20 15 [SP 2]; Filename: ep5g9r7jk.dfx; Total Body: 76.0,15,15; 04,11,4,0,02,-1,00,4,81,-13,01,11,9,%Fat=50.4%; 0,00,0,00,0,000,0,00; Scan Mode: Standard; 0.4 μ Gy

DEPARTMENT OF RADIOLOGY
METTINAD HOSPITAL & RESEARCH INSTITUTE
KELAIASANKAM

Patient:	G, RAJA LAKSHMI		Referring Physician:	(not specified)	
Birth Date:	20-02-1962	Age:	62.0 years	Patient ID:	CSSH09000435009
Height:	146.0 cm	Weight:	67.0 kg	Measured:	26-02-2024 10:33:40 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	26-02-2024 10:33:41 (15 [SP 2])



Image not for diagnosis



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.490	-	-
Arms	0.867	-	-
Legs	1.159	-	-
Trunk	0.969	-	-
Ribs	0.782	-	-
Spine	1.244	-	-
Pelvis	1.030	-	-
Total	1.194	1.1	2.1

Statistically 98% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (n113), Matched for Age, Weight (females 25-100 kg), Ethnic

Date created: 02-04-2024 16:35:00 15 [SP 2], Filename: ep5gjh7jc.dfb, Total Body: 76(0.15,153.04,31.4,0.00)-1.00,4.81x13.01,13.9%fat=50.4%, 0.00,0.00,0.00,0.00; Scan Mode: Standard; 0.4 μ Gy

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Lunar Prodigy Advance
PA+351920

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: C. GANAPATHI
Patient ID: CSSH09000435007 Birth Date: 03-05-1959 Height: 168.0 cm
Sex: Male Measured: 26-02-2024 Weight: 82.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.161 g/cm² with a T-score of -0.4 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	26-02-2024	64.8	-0.3 Z-score	-0.4	1.161 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in February 2026

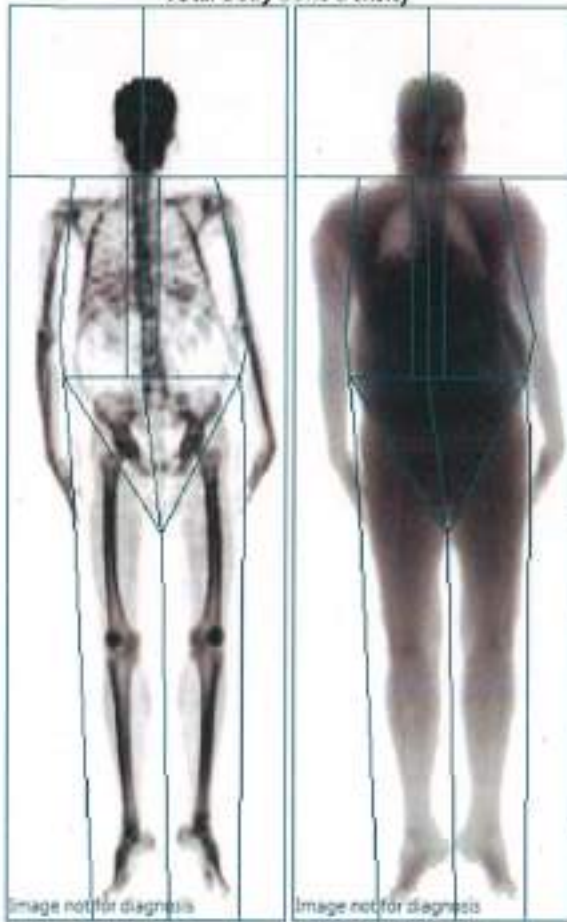
(not specified)

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

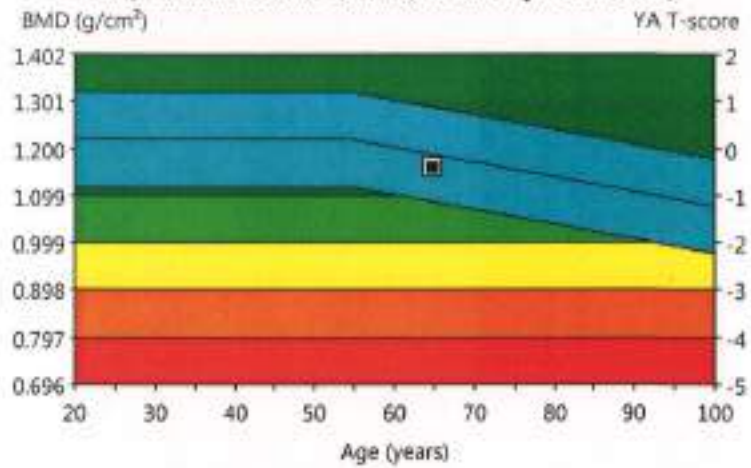

D. Srinivasan
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	C, GANAPATHI		Referring Physician:	(not specified)	
Birth Date:	03-05-1959	Age:	64.8 years	Patient ID:	CSSH09000435007
Height:	168.0 cm	Weight:	82.0 kg	Measured:	26-02-2024 10:11:37 (15 [SP 2])
Sex:	Male	Ethnicity:	White	Analyzed:	26-02-2024 10:11:39 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)

Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.310	-	-
Arms	0.942	-	-
Legs	1.140	-	-
Trunk	0.953	-	-
Ribs	0.916	-	-
Spine	1.211	-	-
Pelvis	0.840	-	-
Total	1.161	-0.4	-0.3

COMMENTS:

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (n113); Matched for Age, Weight (males 25-100 kg), Ethnic

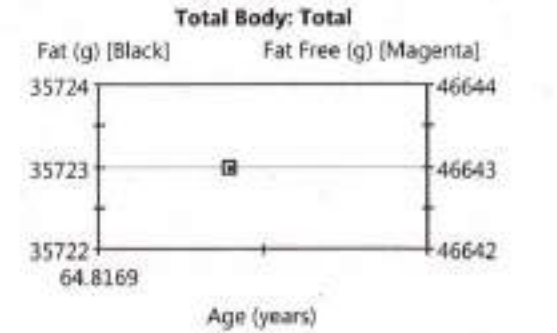
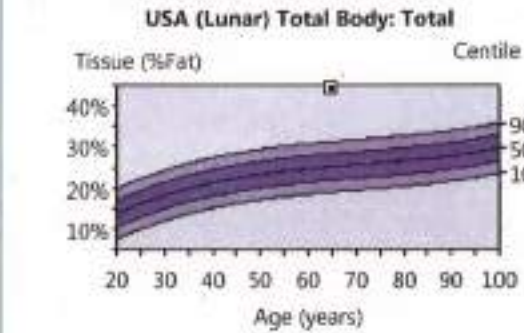
Date created: 02-04-2024 16:35:58 15 [SP 2]; Filename: bq4g9s7jlc.dft; Total Body: 76@.15.153.04:3L4 0.00: 1.00 4.8Lx13.0L 14.3%Fat=44.7%; 0000.00 0.00 0.00; Scan Mode: Standard; 0.4 μ Gy
Lunar Prodigy Advance
PA+ 351920

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	C. GANAPATHI	Referring Physician:	(not specified)
Birth Date:	03-05-1959	Age:	64.8 years
Height:	168.0 cm	Weight:	82.0 kg
Sex:	Male	Ethnicity:	White
		Patient ID:	CSSH09000435007
		Measured:	26-02-2024 10:11:37 (15 [SP 2])
		Analyzed:	26-02-2024 10:11:39 (15 [SP 2])

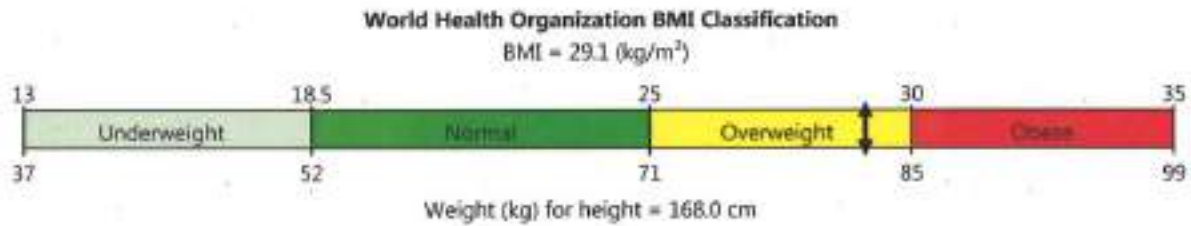


Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	38.8	-	7.0	2,595	4,091	283
Legs	38.3	-	25.1	9,292	14,939	836
Trunk	51.4	-	45.1	22,721	21,490	871
Android	55.4	-	7.3	4,013	3,228	58
Gynoid	45.9	-	11.8	5,298	6,243	232
Total	44.7	100	82.4	35,723	44,109	2,534



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
26-02-2024	64.8	44.7	100	82.4	79,832	35,723	44,109	2,534	46,643	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
26-02-2024	64.8	55.4	45.9	1.21	44.7	

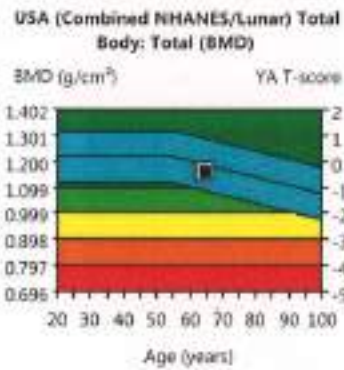


COMMENTS:

DEPARTMENT OF RADIOLOGY
 CHETTIYAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD ($\pm 0.8\%$ Fat, ± 250 g Tissue Mass, ± 520 g Fat Mass, ± 630 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v11.1); Composition Matched for Age
 Date created: 02-04-2024 16:36:11 15 [SP 2]; Filename: bp4gh7jkc.dfb; Total Body: 76.01515104314 0.00-1.00 4.81x13.01 14.3 %Fat=44.7%; 0.00;0.00;0.00;0.00; Scan Mode: Standard; 0.4 μ Gy
 Lunar Prodigy Advance
 PA = 351920

Patient:	C. GANAPATHI		Referring Physician:	(not specified)	
Birth Date:	03-05-1959	Age:	64.8 years	Patient ID:	CSSH09000435007
Height:	168.0 cm	Weight:	82.0 kg	Measured:	26-02-2024 10:11:37 (L5 [SP 2])
Sex:	Male	Ethnicity:	White	Analyzed:	26-02-2024 10:11:39 (L5 [SP 2])



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.310	-	-
Arms	0.942	-	-
Legs	1.140	-	-
Trunk	0.953	-	-
Ribs	0.916	-	-
Spine	1.211	-	-
Pelvis	0.840	-	-
Total	1.161	-0.4	-0.3

Statistically 68% of repeat scans fall within 3SD (± 0.030 g/cm³ for Total Body Total; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (N113); Matched for Age, Weight (males 25-100 kg), Ethnic:
 Date created: 02-04-2024 16:35:49 15 [SP 2]; Filename: sq4g9s7jk.cdf; Total Body: 76.0.15.153.09.31.4 0.00;-1.00-4.81x13.01 14.3.%fat+44.7% 0.000.000.000.000; Scan Mode: Standard; 0.4 μ Gy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM
 Lunar Prodigy Advance
 PA-351920

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	M. SAANTHI	Birth Date:	05-01-1962	Height:	159.0 cm
Patient ID:	CSSH09000435088	Measured:	27-02-2024	Weight:	78.1 kg
Sex:	Female	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 1.037 g/cm² with a T-score of -0.4 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	27-02-2024	62.1	0.1 Z-score	-0.4	1.037 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

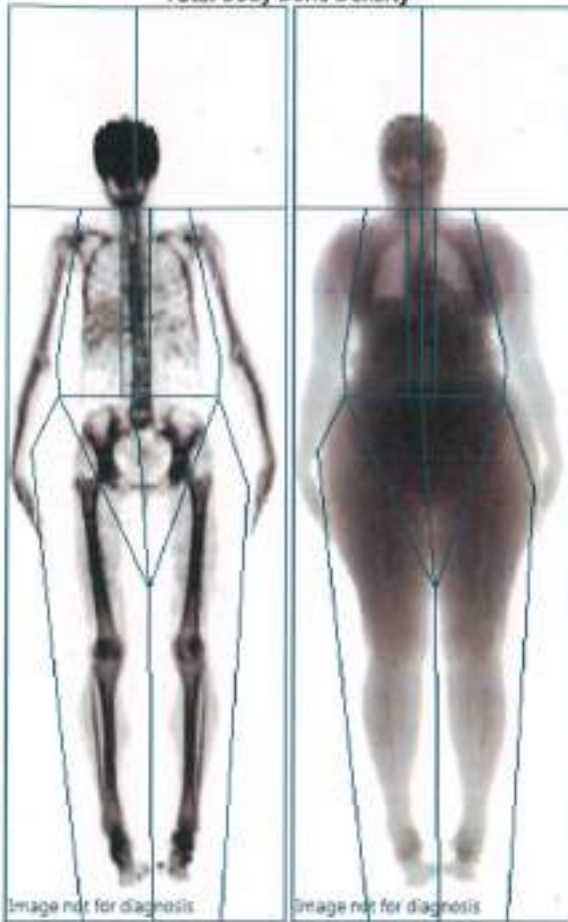
Based on these results, a follow-up exam is recommended in February 2026

(not specified)

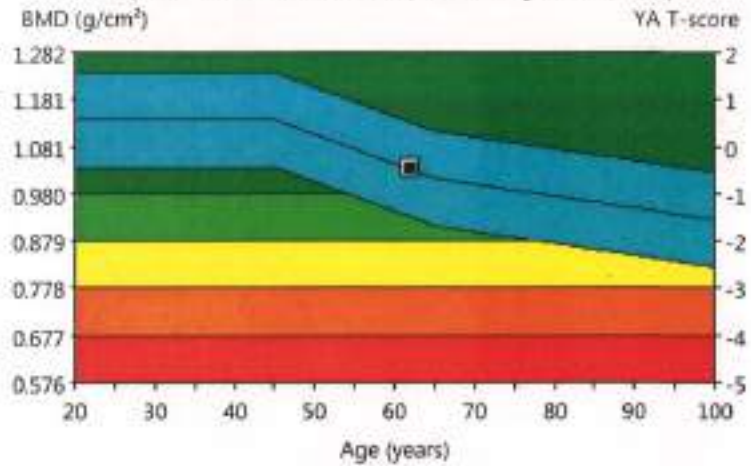

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	M, SAANTHI	Referring Physician:	(not specified)
Birth Date:	05-01-1962	Age:	62.1 years
Height:	159.0 cm	Weight:	78.1 kg
Sex:	Female	Ethnicity:	Asian
		Patient ID:	CSSH09000435088
		Measured:	27-02-2024 09:05:37 (15 [SP 2])
		Analyzed:	27-02-2024 09:05:38 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.041	-	-
Arms	0.707	-	-
Legs	1.053	-	-
Trunk	0.858	-	-
Ribs	0.698	-	-
Spine	0.952	-	-
Pelvis	0.931	-	-
Total	1.037	-0.4	0.1

COMMENTS:

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³) for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (x11); Matched for Age, Weight (females: 25-100 kg), Ethnic:

Date created: 02-04-2024 16:36:45 15 [SP 2] Filename: tcwr9s7jk.dfb: Total Body, 76:015:153:04:31.4 0.00:1.00 4.81x13.01 13.3.9Fac=51.5% 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 μ Gy

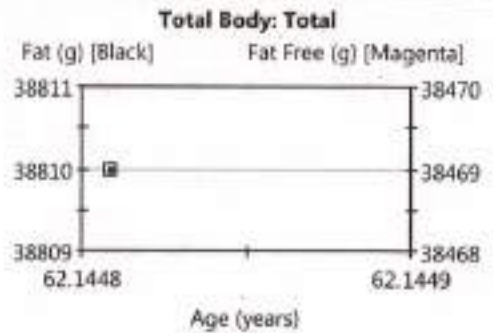
DEPARTMENT OF RADIOLOGY
ETTIMAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient: M, SAANTHI	Referring Physician: (not specified)
Birth Date: 05-01-1962	Age: 62.1 years
Height: 159.0 cm	Weight: 78.1 kg
Sex: Female	Ethnicity: Asian
	Patient ID: CSSH09000435088
	Measured: 27-02-2024 09:05:37 [15 [SP 2]]
	Analyzed: 27-02-2024 09:05:38 [15 [SP 2]]

Region	Composition (Enhanced Analysis)					
	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	52.2	-	8.2	4,167	3,620	225
Legs	52.5	-	29.9	15,306	13,872	771
Trunk	53.4	-	35.2	18,514	16,137	552
Android	55.6	-	5.1	2,834	2,260	27
Gynoid	54.6	-	12.9	6,943	5,781	194
Total	51.5	-	77.3	38,810	36,498	1,971



USA (Lunar) Reference Chart: No reference data for Total Body [Total] region.
USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.

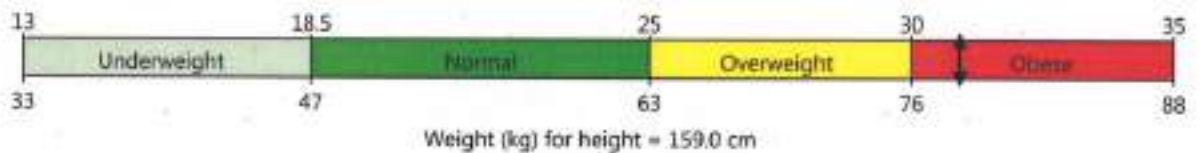


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
27-02-2024	62.1	51.5	-	77.3	75,308	38,810	36,498	1,971	38,469	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
27-02-2024	62.1	55.6	54.6	1.02	51.5	

World Health Organization BMI Classification

BMI = 30.9 (kg/m²)



COMMENTS:

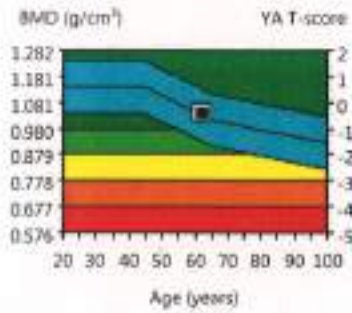
DEPARTMENT OF RADIOLOGY
 CHETTHAD HOSPITAL & RESEARCH INSTITUTE
 MELAMBAKKAN

Statistically 68% of repeat scans fall within 1SD (± 0.8 % Fat, ± 210 g Tissue Mass, ± 520 g Fat Mass, ± 610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (NLI3); Composition Matched for Age.
 Date created: 02-04-2024 16:36:54 15 [SP 2]; Filename: twt6h0jkd.dfb; Total Body: 76.015;153.04;31.4 0.00-1.00 4.81x13.01 13.3%Fat=51.5%; 0.00;0.00 0.00;0.00; Scan Mode: Standard 0.4 μ Gy

Patient: M, SAANTHI	Referring Physician: (not specified)	
Birth Date: 05-01-1962	Age: 62.1 years	Patient ID: CSSH09000435088
Height: 159.0 cm	Weight: 78.1 kg	Measured: 27-02-2024 09:05:37 (15 [SP 2])
Sex: Female	Ethnicity: Asian	Analyzed: 27-02-2024 09:05:38 (15 [SP 2])



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.041	-	-
Arms	0.707	-	-
Legs	1.053	-	-
Trunk	0.858	-	-
Ribs	0.698	-	-
Spine	0.952	-	-
Pelvis	0.931	-	-
Total	1.037	-0.4	0.1

Statistically 98% of repeat scans fall within 1SD ($\pm 0.030 \text{ g/cm}^3$ for Total Body Total), USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (v11.1)), Matched for Age, Weight (females 25-100 kg), Ethnic.

Date created: 02-04-2024 16:36:37 15 [SP 2]; Filename: scwh9k7jkdft; Total Body: 76.015:153.04:31.4 0.00:-1.00 4.81±1.01 13.3%Fat=51.5%; 0.000.00 0.000.00; Scan Mode: Standard; -0.4 μGy


 DEPARTMENT OF RADIOLOGY
 HETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM
 Lunar Prodigy Advance
 PA + 351920

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	M, USHA	Birth Date:	09-11-1989	Height:	163.0 cm
Patient ID:	CARE091342675	Measured:	27-02-2024	Weight:	75.0 kg
Sex:	Female	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 1.125 g/cm² with a T-score of 0.4 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	27-02-2024	34.3	0.0 Z-score	0.4	1.125 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD


RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

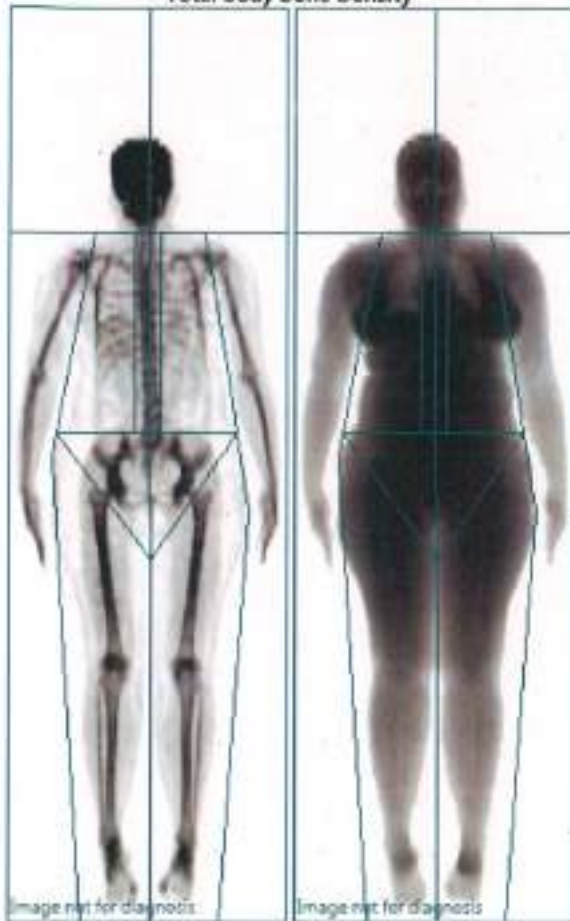
Based on these results, a follow-up exam is recommended in February 2026

(not specified)

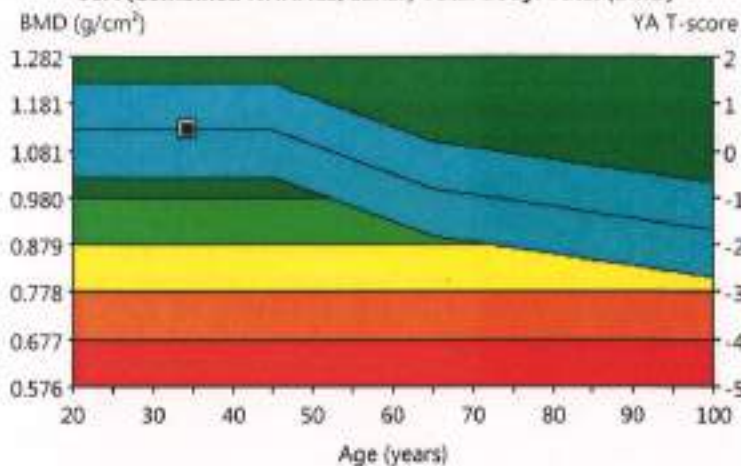

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	M, USHA	Age:	34.3 years	Referring Physician:	(not specified)
Birth Date:	09-11-1989	Weight:	75.0 kg	Patient ID:	CARE091342675
Height:	163.0 cm	Ethnicity:	Asian	Measured:	27-02-2024 10:07:33 (15 [SP 2])
Sex:	Female			Analyzed:	27-02-2024 10:07:34 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score
Head	2.419	-	-
Arms	0.842	-	-
Legs	1.060	-	-
Trunk	0.912	-	-
Ribs	0.807	-	-
Spine	1.030	-	-
Pelvis	0.959	-	-
Total	1.125	0.4	0.0

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 HETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.020 g/cm² for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (n113); Matched for Age, Weight (females 25-100 kg), Ethnic:

Date created: 02-04-2024 10:37:42 15 [SP 2] Filename: 26zrhk7jxc.cfb; Total Body: 75.015:153.04:31.4 0.00-1.00 4.81x13.01 15.2%fat +47.9% 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 μ Cy

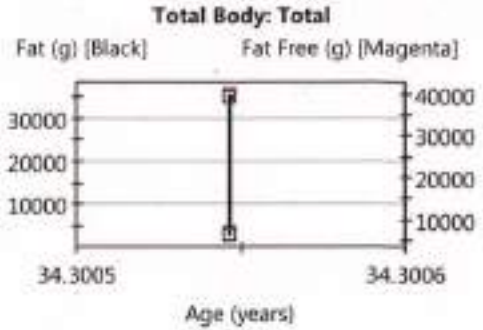
Patient: M, USHA	Referring Physician: (not specified)
Birth Date: 09-11-1989	Age: 34.3 years
Height: 163.0 cm	Weight: 75.0 kg
Sex: Female	Ethnicity: Asian
	Patient ID: CARE091342675
	Measured: 27-02-2024 10:07:33 (L5 [SP 2])
	Analyzed: 27-02-2024 10:07:34 (L5 [SP 2])

Total Body Tissue Quantitation



Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	47.4	-	8.8	4,045	4,484	263
Legs	50.2	-	27.9	13,636	13,550	666
Trunk	49.0	-	33.7	16,226	16,876	590
Android	52.4	-	5.2	2,705	2,459	34
Gynoid	52.9	-	11.9	6,226	5,552	172
Total	47.9	-	74.7	34,811	37,861	2,018

USA (Lunar) Reference Chart: No reference data for Total Body [Total] region.
USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.

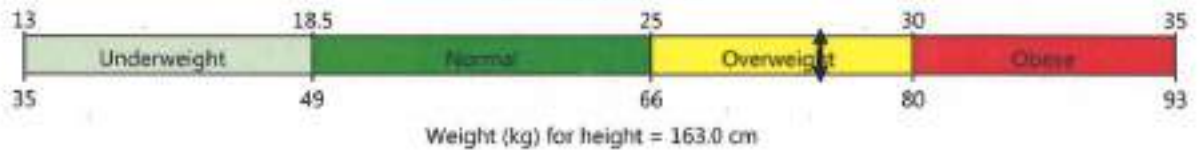


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
27-02-2024	34.3	47.9	-	74.7	72,672	34,811	37,861	2,018	39,880

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
27-02-2024	34.3	52.4	52.9	0.99	47.9	

World Health Organization BMI Classification

BMI = 28.2 (kg/m²)



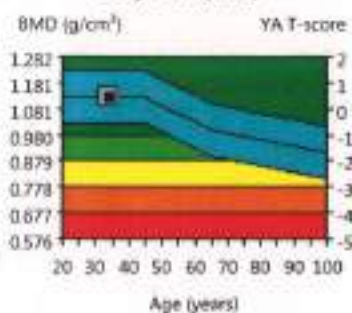
COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Patient:	M, USHA	Referring Physician:	(not specified)
Birth Date:	09-11-1989	Age:	34.3 years
Height:	163.0 cm	Weight:	75.0 kg
Sex:	Female	Ethnicity:	Asian
		Patient ID:	CARE091342675
		Measured:	27-02-2024 10:07:33 (15 [SP 2])
		Analyzed:	27-02-2024 10:07:34 (15 [SP 2])



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.419	-	-
Arms	0.842	-	-
Legs	1.060	-	-
Trunk	0.912	-	-
Ribs	0.807	-	-
Spine	1.030	-	-
Pelvis	0.959	-	-
Total	1.125	0.4	0.0

Statistically 98% of repeat scans fall within 1SD ($\pm 0.010 \text{ g/cm}^3$ for Total Body Total), USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (n113), Matched for Age, Weight (females 25-100 kg), Ethnic.

Date created: 02-04-2024 16:37:38 15 [SP 2], Filename: 28zhk7jk.dfb, Total Body: 76.015;153.043;1.4 0.00; 1.00 48;13.01 13.2%;Far=47.9%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 μGy

DEPARTMENT OF RADIOLOGY
 CHETTMAD HOSPITAL & RESEARCH INSTITUTE
 KELAMANGALAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	P. MANIVANNAN			Height:	172.0 cm
Patient ID:	CARE093635961	Birth Date:	07-09-1962	Weight:	70.0 kg
Sex:	Male	Measured:	27-02-2024	Fractures:	
Indications:				Treatments:	

ASSESSMENT:

The BMD measured at Total Body Total is 1.360 g/cm³ with a T-score of 1.6 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	27-02-2024	61.4	2.1 Z-score	1.6	1.360 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in February 2026

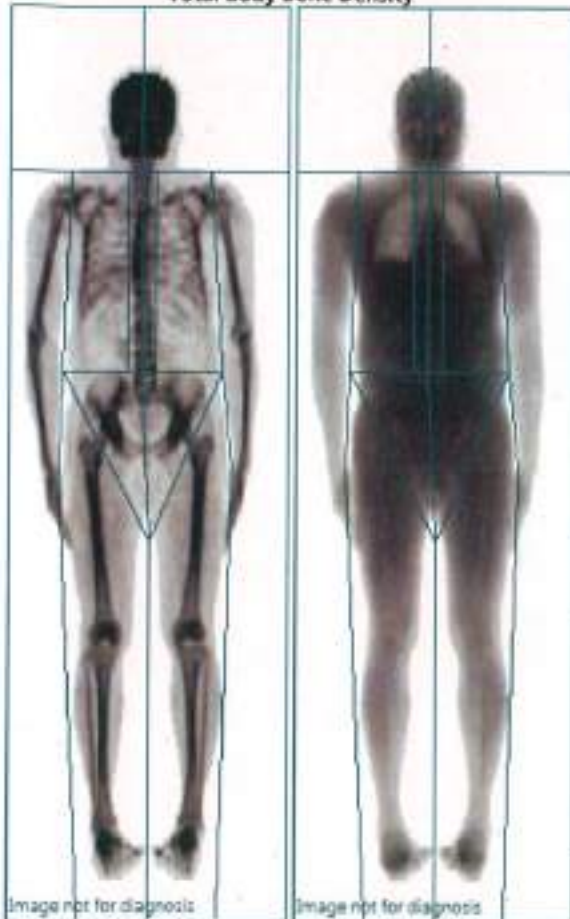
(not specified)



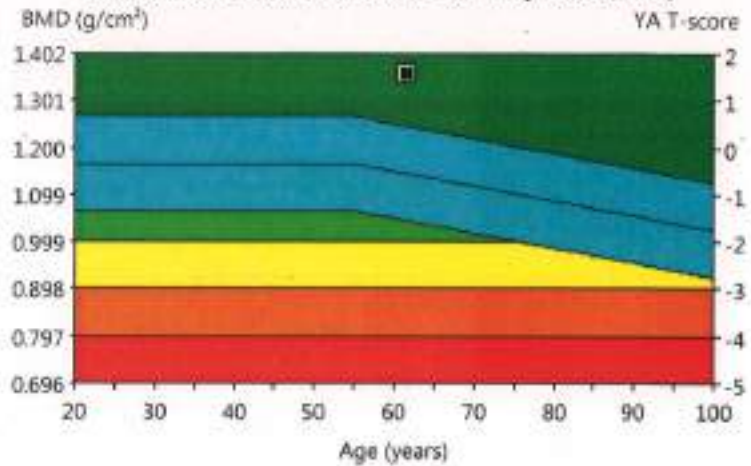
DEPARTMENT OF RADIOLOGY
NETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	P, MANIVANNAN		Referring Physician:	(not specified)	
Birth Date:	07-09-1962	Age:	61.4 years	Patient ID:	CARE093635961
Height:	172.0 cm	Weight:	70.0 kg	Measured:	27-02-2024 14:08:10 (15 [SP 2])
Sex:	Male	Ethnicity:	Asian	Analyzed:	27-02-2024 14:08:12 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.679	-	-
Arms	1.175	-	-
Legs	1.274	-	-
Trunk	1.111	-	-
Ribs	0.956	-	-
Spine	1.327	-	-
Pelvis	1.155	-	-
Total	1.360	1.6	2.1

COMMENTS:

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³) for Total Body Total; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (n113); Matched for Age; Weight (males 25-100 kg); Ethnic

Date created: 02-04-2024 14:38:44 15 [SP 2]; Filename: wca9s7jka.dfx; Total Body, 760.1515304114 000-1.00 4.83x13.01 12.5%Fat=30.0%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 μ Gy
Lunar Prodigy Advance
PA+351920

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMSAKRAM

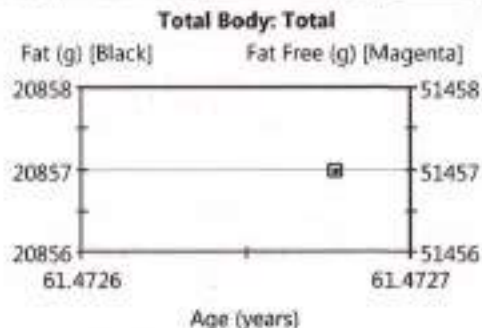
Patient:	P, MANIVANNAN		Referring Physician:	(not specified)	
Birth Date:	07-09-1962	Age:	61.4 years	Patient ID:	CARE093635961
Height:	172.0 cm	Weight:	70.0 kg	Measured:	27-02-2024 14:08:10 (15 [SP 2])
Sex:	Male	Ethnicity:	Asian	Analyzed:	27-02-2024 14:08:12 (15 [SP 2])

Total Body Tissue Quantitation



Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	26.2	-	8.6	2,148	6,061	409
Legs	25.6	-	23.2	5,697	16,529	1,010
Trunk	34.9	-	35.3	12,020	22,454	816
Android	37.2	-	5.1	1,888	3,189	44
Gynoid	29.6	-	10.1	2,917	6,946	249
Total	30.0	-	72.3	20,857	48,584	2,873

USA (Lunar) Reference Chart: No reference data for Total Body [Total] region. USA (Lunar) Reference Population did not support the patient's ethnicity for Total Body Composition.

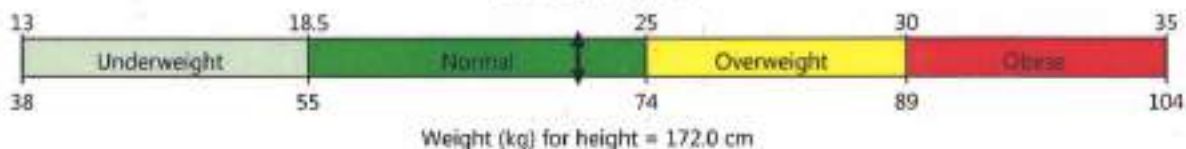


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
27-02-2024	61.4	30.0	-	72.3	69,441	20,857	48,584	2,873	51,457

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)					
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
27-02-2024	61.4	37.2	29.6	1.26	30.0

World Health Organization BMI Classification

BMI = 23.7 (kg/m²)

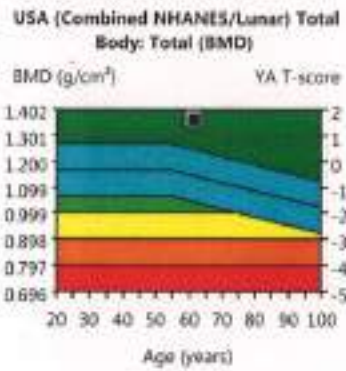


COMMENTS:

Statistically 48% of repeat scans fall within 1SD ($\pm 0.8\%$ Fat, ± 220 g Tissue Mass, ± 520 g Fat Mass, ± 610 g Lean Mass for Total Body Total) USA (Lunar) Total Body Composition Reference Population (v113); Composition Matched for Age

Date created: 02-04-2024 16:38:59.15 [SP 2] Filename: wcaffc7jk.dfb; Total Body: 76@15:153.04:31.4 0.00:1.00 4.81x13.01 12.5%Fat=30.0%; 0.00:0.00:0.00:0.00; Scan Mode: Standard; 0.4 μ Gy

Patient:	P, MANIVANNAN		Referring Physician:	(not specified)	
Birth Date:	07-09-1962	Age:	61.4 years	Patient ID:	CARE093635961
Height:	172.0 cm	Weight:	70.0 kg	Measured:	27-02-2024 14:08:10 (15 [SP 2])
Sex:	Male	Ethnicity:	Asian	Analyzed:	27-02-2024 14:08:12 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.679	-	-
Arms	1.175	-	-
Legs	1.274	-	-
Trunk	1.111	-	-
Ribs	0.956	-	-
Spine	1.327	-	-
Pelvis	1.355	-	-
Total	1.360	1.6	2.1

Statistically 98% of repeat scans fall within 1SD (± 0.010 g/cm³) for Total Body Total: USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (n=113); Matched for Age, Weight (males 25-100 kg), Ethnic:

Data created: 02-04-2024 16:38:11 15 [SP 2] filename: wca9s7gk.dfb; Total Body: 76.015153.04:31.4 0.00-1.00-4.81x13.01 12.5%Fat=30.0%; 0.00:0.00 0.00:0.00; Scan Mode: Standard 0.4 µGy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: .. DHANALAKSHMI 52YRS
Patient ID: CARE092217580 Birth Date: 15-09-1972 Height: 144.0 cm
Sex: Female Measured: 27-02-2024 Weight: 60.2 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Total Body Total is 1.102 g/cm² with a T-score of 0.2 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	27-02-2024	51.4	0.8 Z-score	0.2	1.102 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

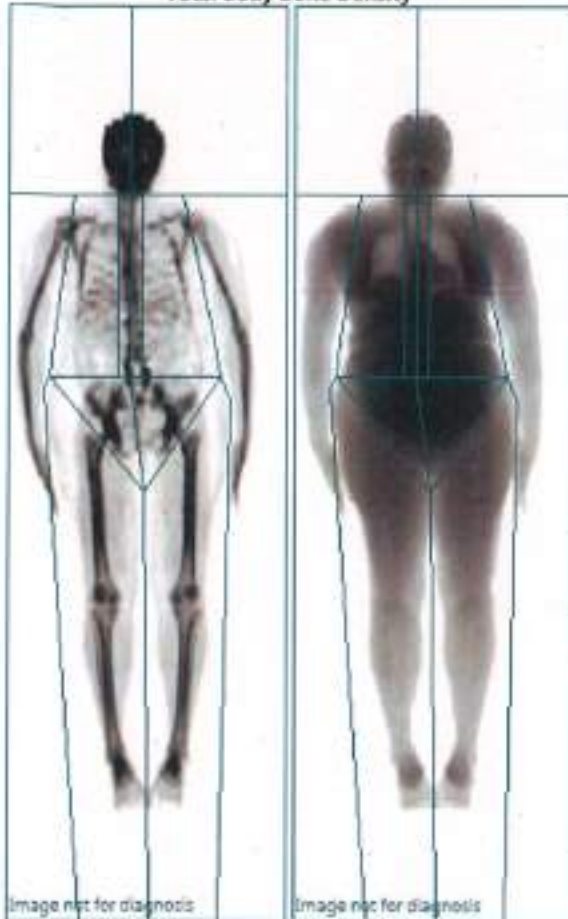
Based on these results, a follow-up exam is recommended in February 2026

(not specified)

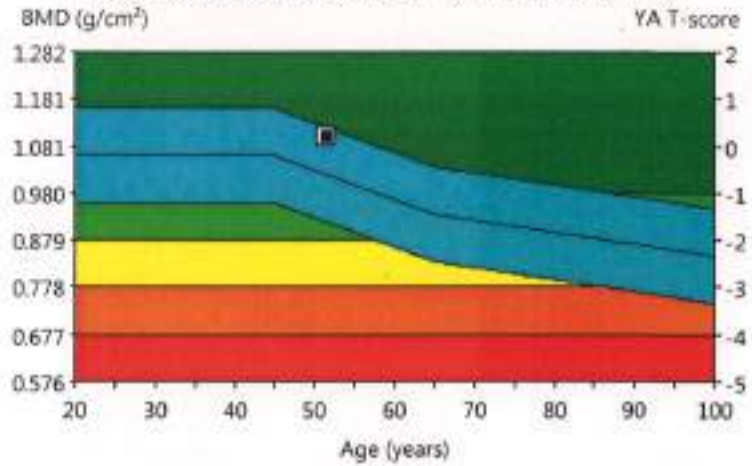

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	DHANALAKSHMI 52YRS		Referring Physician:	(not specified)	
Birth Date:	15-09-1972	Age:	51.4 years	Patient ID:	CARE092217580
Height:	144.0 cm	Weight:	60.2 kg	Measured:	27-02-2024 11:23:33 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	27-02-2024 11:23:35 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.139	-	-
Arms	0.888	-	-
Legs	1.057	-	-
Trunk	0.908	-	-
Ribs	0.721	-	-
Spine	1.029	-	-
Pelvis	1.039	-	-
Total	1.102	0.2	0.8

COMMENTS:


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

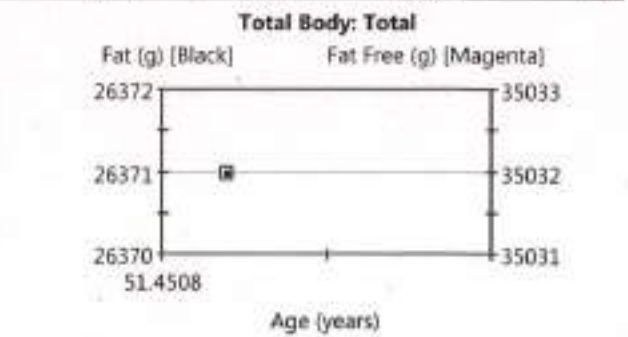
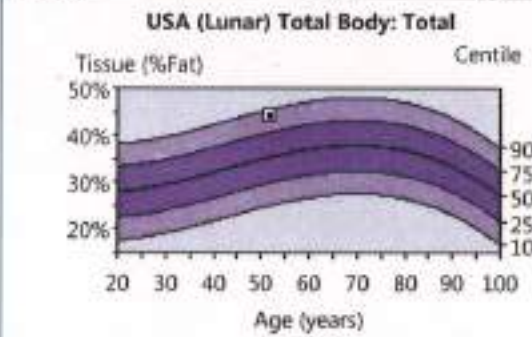
Statistically 68% of repeat scans fall within 1SD (± 0.020 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (N113); Matched for Age); Weight (females 25-100 kg); Ethnic:

Date created: 02-04-2024 10:39:46 15 [SP 2]; Filename: oq2f9s7jk.dfb; Total Body: 769115153.043L4 0.00-1.00 4.81x13.01 12.7%Fat=44.2%; 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 μ Gy

Patient:	DHANALAKSHMI 52YRS		Referring Physician:	(not specified)	
Birth Date:	15-09-1972	Age:	51.4 years	Patient ID:	CARE092217580
Height:	144.0 cm	Weight:	60.2 kg	Measured:	27-02-2024 11:23:33 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	27-02-2024 11:23:35 (15 [SP 2])

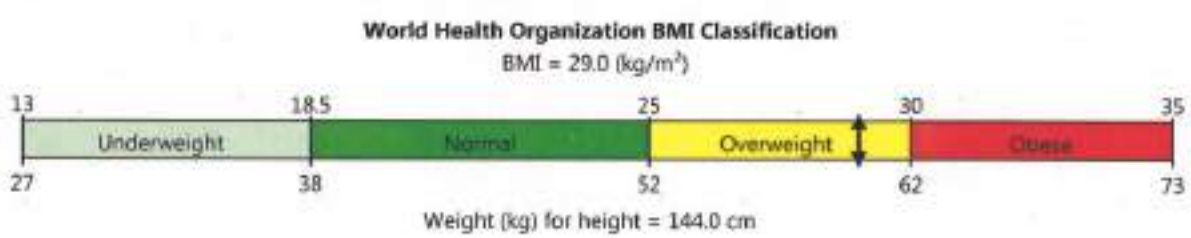


Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	41.9	-	7.2	2,930	4,070	231
Legs	44.1	-	19.6	8,380	10,641	623
Trunk	47.0	-	31.0	14,334	16,134	529
Android	49.1	-	5.4	2,628	2,724	43
Gynoid	47.5	-	9.1	4,221	4,674	173
Total	44.2	87	61.4	26,371	33,246	1,786



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
27-02-2024	51.4	44.2	87	61.4	59,616	26,371	33,246	1,786	35,032	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
27-02-2024	51.4	49.1	47.5	1.03	44.2	

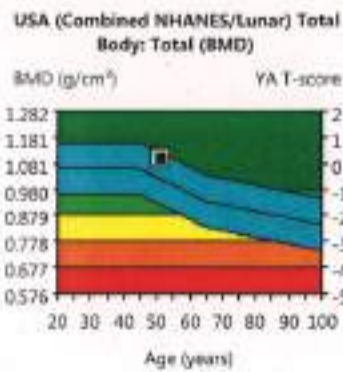


COMMENTS:


 CHETTINAD HOSPITALS & RESEARCH INSTITUTE
 KELAMBAKKAM

Statistically 68% of repeat scans fall within 1SD (± 0.8% Fat, ±210 g Tissue Mass, ±520 g Fat Mass, ±610 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v113); Composition Matched for Age

Patient:	., DHANALAKSHMI 52YRS		Referring Physician:	(not specified)	
Birth Date:	15-09-1972	Age:	51.4 years	Patient ID:	CARE092217580
Height:	144.0 cm	Weight:	60.2 kg	Measured:	27-02-2024 11:23:33 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	27-02-2024 11:23:35 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.139	-	-
Arms	0.888	-	-
Legs	1.057	-	-
Trunk	0.908	-	-
Ribs	0.721	-	-
Spine	1.029	-	-
Pelvis	1.039	-	-
Total	1.102	0.2	0.8

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (V11.3); Matched for Age, Weight (females 25-100 kg), Ethnic.

Date created: 02-04-2024 16:39:37 15 [SP 2] Filename: oq28s7jk.dfb; Total Body: 760.15153.04.31.4.0.00-1.00.4.81x13.01.12.7.%fat=44.2%; 0.00-0.00.0.000.0.00; Scan Mode: Standard; 0.4 μ Gy


 DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM
 Lunar Prodigy Advance
 PA-351920

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	RS, AVINASH	Birth Date:	19-03-2002	Height:	159.0 cm
Patient ID:	CARE093959935	Measured:	18-01-2024	Weight:	50.0 kg
Sex:	Male	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

The BMD measured at Total Body Total is 1.299 g/cm² with a T-score of 1.0 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Total Body	Total	18-01-2024	21.8	2.2 Z-score	1.0	1.299 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

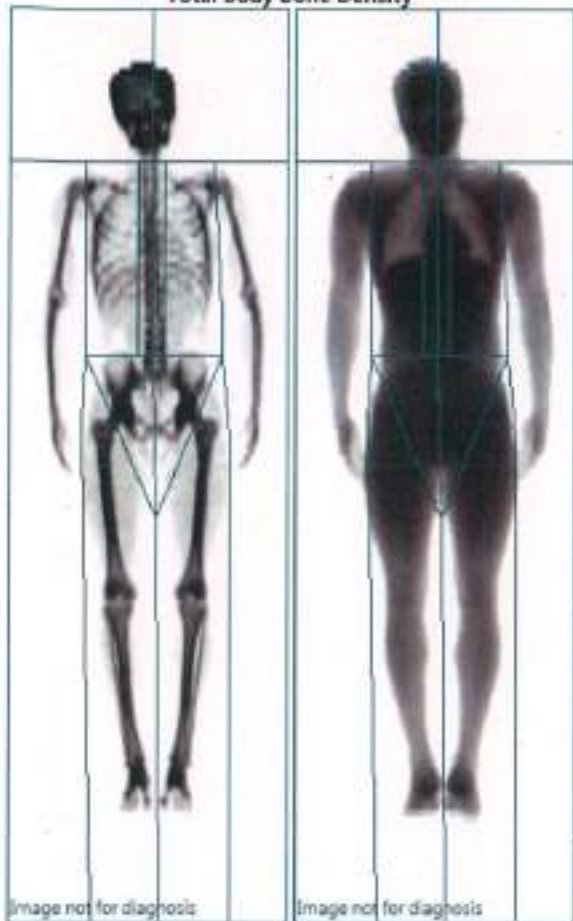
People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in January 2026

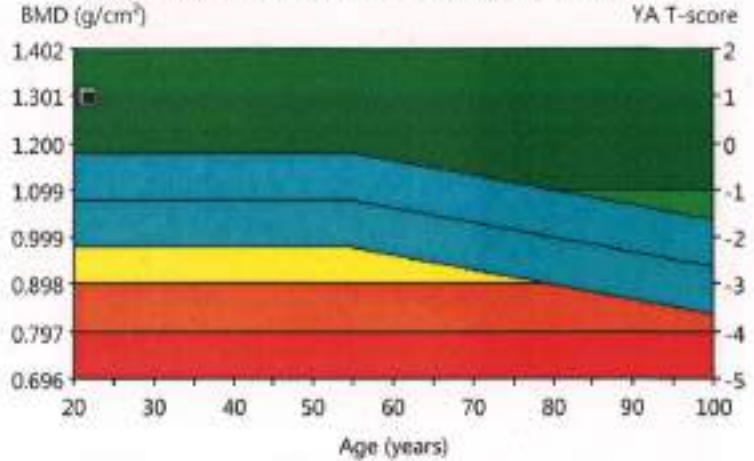
(not specified)

Patient: RS, AVINASH	Age: 21.8 years	Referring Physician: (not specified)
Birth Date: 19-03-2002	Weight: 50.0 kg	Patient ID: CARE093959935
Height: 159.0 cm	Ethnicity: White	Measured: 18-01-2024 10:01:22 (15 [SP 2])
Sex: Male		Analyzed: 18-01-2024 10:01:24 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Head	2.096	-	-
Arms	0.953	-	-
Legs	1.413	-	-
Trunk	1.081	-	-
Ribs	0.883	-	-
Spine	1.059	-	-
Pelvis	1.281	-	-
Total	1.299	1.0	2.2

COMMENTS:

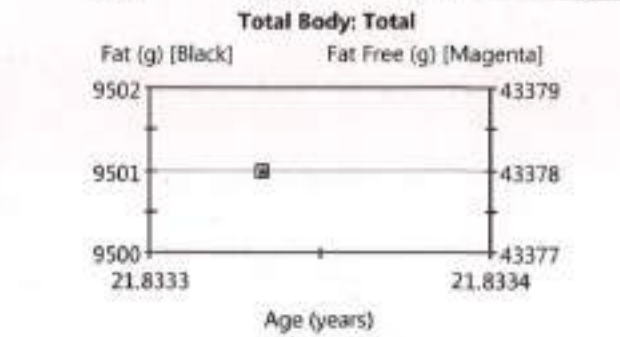
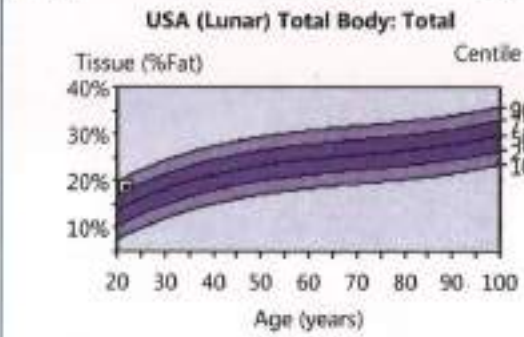

 DEPARTMENT OF RADIOLOGY
 METTIVAD HOSPITAL & RESEARCH INSTITUTE
 KOLARBAKKAM

Statistically 98% of repeat scans fall within 1SD (± 0.030 g/cm³ for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Total Body Reference Population (v11.1); Matched for Age, Weight (males 25-100 kg), Ethnic

Patient: RS, AVINASH	Referring Physician: (not specified)	
Birth Date: 19-03-2002	Age: 21.8 years	Patient ID: CARE093959935
Height: 159.0 cm	Weight: 50.0 kg	Measured: 18-01-2024 10:01:22 (15 [SP 2])
Sex: Male	Ethnicity: White	Analyzed: 18-01-2024 10:01:24 (15 [SP 2])

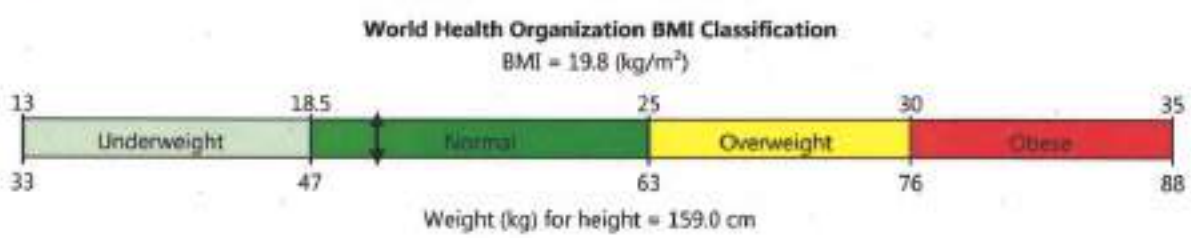


Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	17.5	-	6.6	1,104	5,217	312
Legs	17.6	-	17.4	2,881	13,525	960
Trunk	19.8	-	24.5	4,724	19,106	717
Android	19.7	-	3.2	622	2,537	43
Gynoid	16.6	-	8.4	1,345	6,775	265
Total	18.8	81	52.9	9,501	40,915	2,463



USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)										
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)	
18-01-2024	21.8	18.8	81	52.9	50,416	9,501	40,915	2,463	43,378	

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)						
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)	
18-01-2024	21.8	19.7	16.6	1.19	18.8	

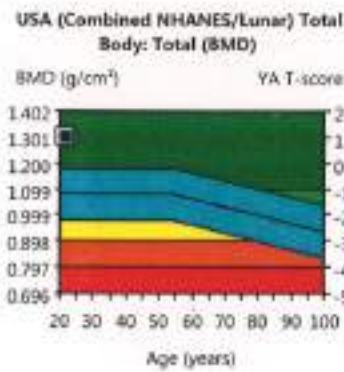


COMMENTS:

CHETTIHAD HOSPITAL & RESEARCH INSTITUTE
KELAMBARKAM

Statistically 68% of repeat scans fall within 1SD ($\pm 0.8\%$ Fat, ± 230 g Tissue Mass, ± 520 g Fat Mass, ± 610 g Lean Mass for Total Body Total) USA (Lunar) Total Body Composition Reference Population (V11.1): Composition Matched for Age
Date created: 02-04-2024 10:07:53 15 [SP 2]; Filename: o8wf757jk.dft; Total Body: 76.015;153.043;14.0;0.00;1.00;4.81x13.01;10.6%Fat=18.8%;0.00;0.00;0.00;0.00; Scan Mode: Standard; 0.4 μ Gy

Patient:	RS, AVINASH	Referring Physician:	(not specified)
Birth Date:	19-03-2002	Age:	21.8 years
Height:	159.0 cm	Weight:	50.0 kg
Sex:	Male	Ethnicity:	White
		Patient ID:	CARE093959935
		Measured:	18-01-2024 10:01:22 (15 [SP 2])
		Analyzed:	18-01-2024 10:01:24 (15 [SP 2])



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	2.096	-	-
Arms	0.953	-	-
Legs	1.413	-	-
Trunk	1.081	-	-
Ribs	0.883	-	-
Spine	1.059	-	-
Pelvis	1.281	-	-
Total	1.299	1.0	2.2

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body Total): USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Populations (v1113), Matched for Age, Weight (males 25-100 kg), Ethnic:

File created: 02-04-2024 16:07:34 15 [SP 2], Filename: otfwff53jk.dft; Total Body: 76.015153.04.21.4 0.00-1.00 4.81x13.01 30.6%fat=18.8%; 0.000.00 0.000.00; Scan Mode: Standard; 0.4 μ Gy


 DEPARTMENT OF RADIOLOGY
 CHETTIYAR HOSPITAL & RESEARCH INSTITUTE
 KELANDI, COYAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name:	NTP, AJINAS A	Birth Date:	15-07-2004	Height:	156.0 cm
Patient ID:	CARE093989946	Measured:	18-01-2024	Weight:	55.0 kg
Sex:	Male	Fractures:		Treatments:	
Indications:					

ASSESSMENT:

PLEASE ENTER ASSESSMENT TEXT.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
------	--------	---------------	--------------	----------------------------	------------------------	-----

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

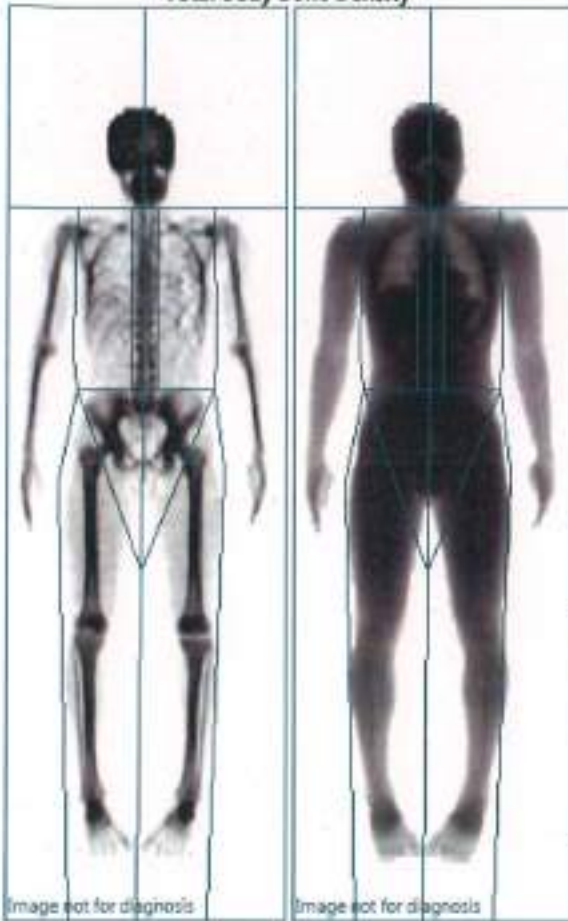
PLEASE ENTER FOLLOW-UP TEXT.

Based on these results, a follow-up exam is recommended in **DOUBLE-CLICK FOR RECALL DATE**

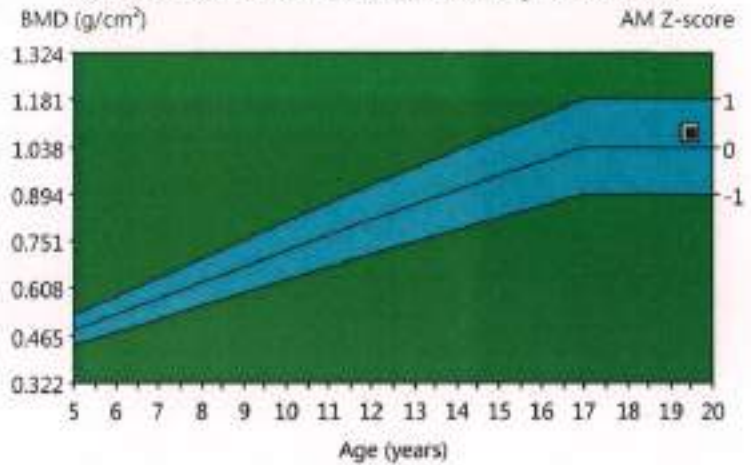
(not specified)

Patient: NTP, AJINAS A	Age: 19 years 6 months	Referring Physician: (not specified)
Birth Date: 15-07-2004	Weight: 55.0 kg	Patient ID: CARE093989946
Height: 156.0 cm	Ethnicity: Asian	Measured: 18-01-2024 11:50:58 (15 [SP 2])
Sex: Male		Analyzed: 20-01-2024 15:35:00 (15 [SP 2])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: TBLH (BMD)



Densitometry: USA (Combined NHANES/Lunar) (Enhanced Analysis)			
Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.871	-	-
Arms	0.853	-	-
Legs	1.269	-	-
Trunk	0.962	-	-
Ribs	0.714	-	-
Spine	0.909	-	-
Pelvis	1.166	-	-
TBLH	1.076	-	0.3

COMMENTS:

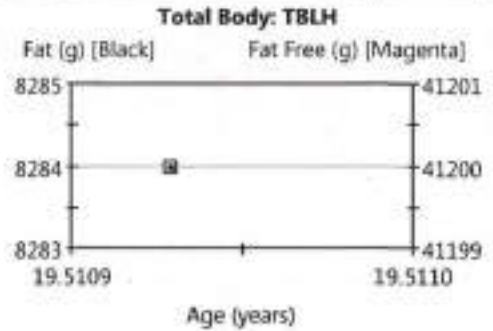
Statistically 68% of repeat scans fall within 1SD (± 0.020 g/cm³ for Total Body TBLH) USA (Combined NHANES/Lunar) Total Body Reference Population (x113); Matched for Age, Ethnicity
 Date created: 02-04-2024 16:09:27 15 [SP 2]; Filename: kc1g7v7jk.dft; Total Body: 76.015153 04.314 0.00-1.00 4.81x11.01 10.4%fat=17.6%; 0.000.00 0.00:0.00; Scan Mode: Standard; 0.4 μ R

Patient:	NTP, AJINAS A		Referring Physician:	(not specified)	
Birth Date:	15-07-2004	Age:	19 years 6 months	Patient ID:	CARE093989946
Height:	156.0 cm	Weight:	55.0 kg	Measured:	18-01-2024 11:50:58 (15 [SP 2])
Sex:	Male	Ethnicity:	Asian	Analyzed:	20-01-2024 15:35:00 (15 [SP 2])



Composition (Enhanced Analysis)						
Region	Tissue (%Fat)	Centile	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)
Arms	16.0	-	6.50	995	5,222	278.9
Legs	21.3	-	18.80	3,812	14,050	935.0
Trunk	14.7	-	24.19	3,476	20,132	583.1
Android	12.1	-	2.97	354	2,582	30.9
Gynoid	17.6	-	7.93	1,353	6,343	231.3
TBLH	17.4	-	49.48	8,284	39,403	1,796.9

USA (Lunar) Reference Chart: No reference data for Total Body [TBLH] region. USA (Lunar) Reference Population did not support Pediatric Total Body Composition.



USA (Combined NHANES/Lunar) Trend: TBLH (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Centile	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
18-01-2024	19.5	17.4	-	49.48	47,667	8,284	39,403	1,796.9	41,200

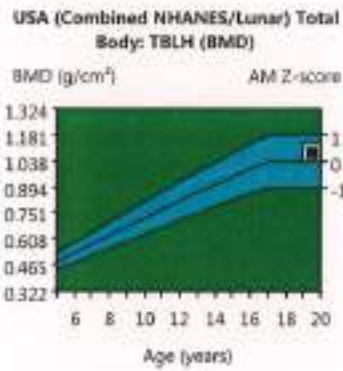
COMMENTS:

Statistically 68% of repeat scans fall within 1SD ($\pm 0.8\%$ Fat, ± 210 g Tissue Mass, ± 520 g Fat Mass, ± 610 g Lean Mass for Total Body TBLH) USA (Lunar) Total Body Composition Reference Population

(v113): Composition Matched for Age

Date created: 02-04-2024 16:09:30 15 [SP 2]; Filename: kclg757jkdfb; Total Body: 76.0.15.153.04.31.4.000-1.00.4.81.13.01.10.4%Fat=17.6%, 0.000.00 0.000.00 Scan Mode: Standard, 0.4 μ g

Patient:	NTP, AJINAS A		Referring Physician:	(not specified)	
Birth Date:	15-07-2004	Age:	19 years 6 months	Patient ID:	CARE093989946
Height:	156.0 cm	Weight:	55.0 kg	Measured:	18-01-2024 11:50:58 (15 (SP 2))
Sex:	Male	Ethnicity:	Asian	Analyzed:	20-01-2024 15:35:00 (15 (SP 2))



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
Head	1.871	-	-
Arms	0.853	-	-
Legs	1.269	-	-
Trunk	0.962	-	-
Ribs	0.714	-	-
Spine	0.909	-	-
Pelvis	1.166	-	-
Total	1.178	-	-0.2
TBLH	1.076	-	0.3

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for Total Body TBLH); USA (Combined NHANES/Lunar) Total Body Reference Population (v113); Matched for Age, Ethnic
 Date created: 02-04-2024 16:09:16 15 (SP 2); Filename: w:1g7x7jkdfb; Total Body: 76.015:153.64:31.4 0.06-1.00 4.81x13.01 10.4%fat=17.6%; 0.00:0.00 0.00:0.00; Scan Mode: Standard; 0.4 μ Sy

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: ABRIHAN, MARY ABIRAMI
Patient ID: CARE093961091 Birth Date: 23-04-1950 Height: 163.0 cm
Sex: Female Measured: 19-01-2024 Weight: 60.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Forearm Radius 33% is 0.723 g/cm² with a T-score of -1.8 is considered moderately low. Treatment is advised if there are other risk factors.

The BMD measured at Forearm Radius 33% is 0.712 g/cm² with a T-score of -2.0 is low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
Right Forearm	Radius 33%	19-01-2024	73.7	0.3 Z-score	-1.8	0.723 g/cm ²
Left Forearm	Radius 33%	19-01-2024	73.7	0.2 Z-score	-2.0	0.712 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

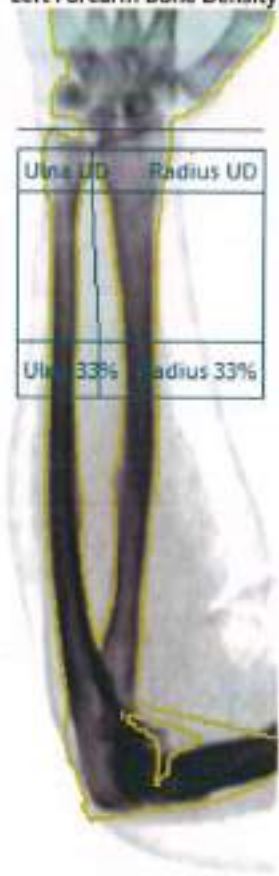
People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in January 2025

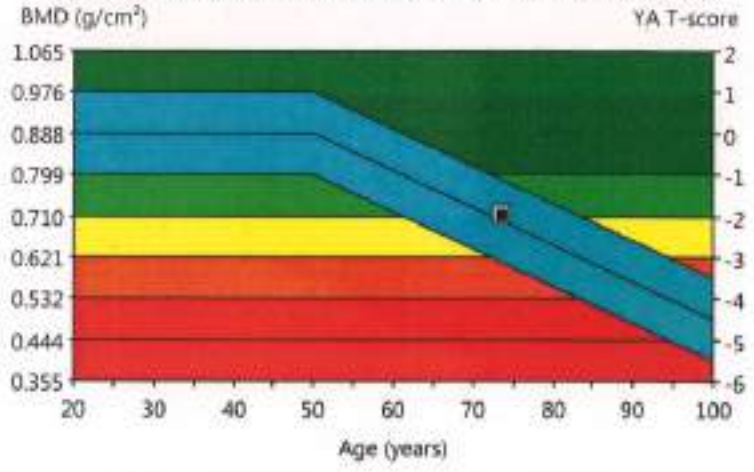
(not specified)

Patient: ABRIHAN, MARY ABIRAMI			Referring Physician: (not specified)
Birth Date: 23-04-1950	Age: 73.7 years	Patient ID: CARE093961091	
Height: 163.0 cm	Weight: 60.0 kg	Measured: 19-01-2024 09:58:50 (15 [SP 2])	
Sex: Female	Ethnicity: Asian	Analyzed: 02-04-2024 16:16:01 (15 [SP 2])	

Left Forearm Bone Density



USA (Combined NHANES/Lunar) Left Forearm: Radius 33% (BMD)



Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Radius UD	0.323	-3.2	-1.1
Ulna UD	0.252	-	-
Radius 33%	0.712	-2.0	-0.2
Ulna 33%	0.764	-	-
Both UD	0.295	-	-
Both 33%	0.736	-	-
Radius Total	0.501	-3.0	-0.8
Ulna Total	0.507	-	-
Both Total	0.503	-	-

Image not for diagnosis

COMMENTS:

Statistically 98% of repeat scans fall within 1SD (± 0.020 g/cm³) for Left Forearm Radius 33%; USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Forearm Reference Population (n113); Matched for Age, Ethnic; Lunar calibration in use; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores)
 Data created: 02-04-2024 16:16:05 15 [SP 2]; Filename: legh7v7jkuifh; Left Forearm: 76.0 15:50:03:12.0 0.00:6.20 0.60:0.05 5.1:14:43.2%; 0.00:0.00 0.00:0.00; Forearm Length: 25.9 cm; Scan Mode: Standard; 2.0 μ Gy

DEPARTMENT OF RADIOLOGY
CHETTIVAD HOSPITAL & RESEARCH INSTITUTE
KELAMBARKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: .. KASTHURI 47YRS
Patient ID: CARE093926876 Birth Date: 27-06-1978 Height: 153.0 cm
Sex: Female Measured: 09-01-2024 Weight: 60.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at AP Spine L1-L4 is 0.797 g/cm² with a T-score of -3.2 is markedly low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.
The BMD measured at Femur Neck Left is 0.829 g/cm² with a T-score of -1.5 is considered moderately low. Treatment is advised if there are other risk factors.
The BMD measured at Femur Neck Right is 0.854 g/cm² with a T-score of -1.3 is considered moderately low. Treatment is advised if there are other risk factors.
The BMD measured at Femur Total Left is 0.859 g/cm² with a T-score of -1.2 is considered moderately low. Treatment is advised if there are other risk factors.
The BMD measured at Femur Total Right is 0.897 g/cm² with a T-score of -0.9 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
AP Spine	L1-L4	09-01-2024	45.5	-3.0 Z-score	-3.2	0.797 g/cm ²
DualFemur	Neck Left	09-01-2024	45.5	-0.8 Z-score	-1.5	0.829 g/cm ²
DualFemur	Neck Right	09-01-2024	45.5	-0.6 Z-score	-1.3	0.854 g/cm ²
DualFemur	Total Left	09-01-2024	45.5	-0.8 Z-score	-1.2	0.859 g/cm ²
DualFemur	Total Right	09-01-2024	45.5	-0.5 Z-score	-0.9	0.897 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in January 2025

(not specified)

Patient:	KASTHURI 47YRS		Referring Physician:	(not specified)	
Birth Date:	27-06-1978	Age:	45.5 years	Patient ID:	CARE093926876
Height:	153.0 cm	Weight:	60.0 kg	Measured:	09-01-2024 15:12:54 (15 (SP 2))
Sex:	Female	Ethnicity:	White	Analyzed:	02-04-2024 15:49:22 (15 (SP 2))

AP Spine Bone Density

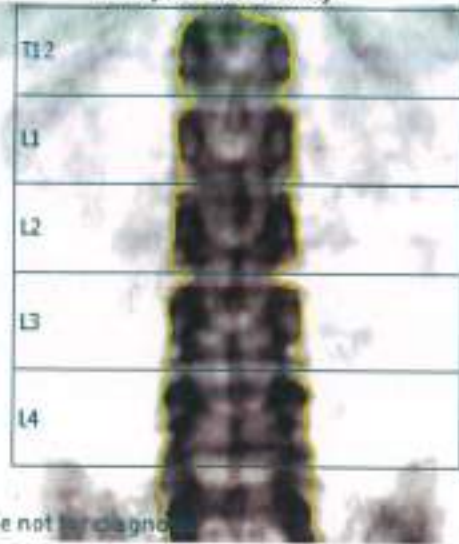
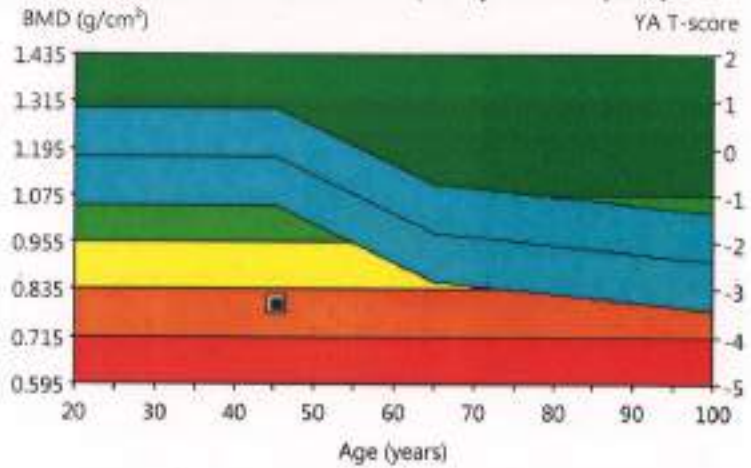


Image not for diagnosis

COMMENTS:

USA (Combined NHANES/Lunar) AP Spine: L1-L4 (BMD)

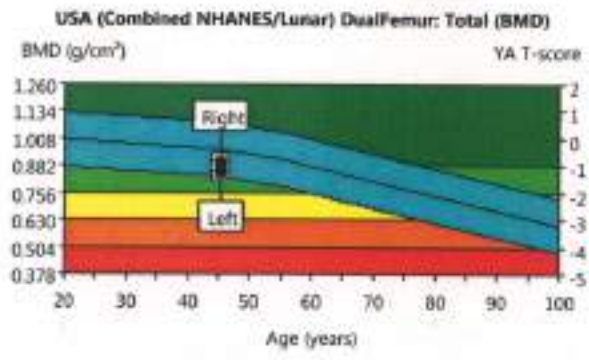
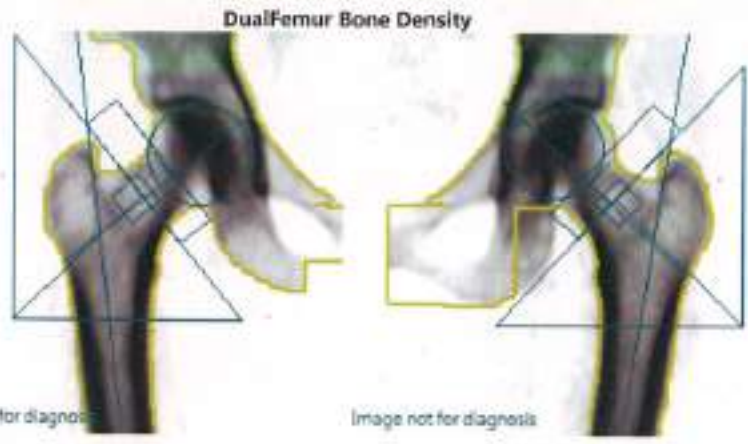


Densitometry: USA (Combined NHANES/Lunar)			
Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score
L1	0.688	-3.7	-3.5
L2	0.835	-3.1	-2.9
L3	0.817	-3.2	-3.0
L4	0.828	-3.0	-2.8
L1-L4	0.797	-3.2	-3.0

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm² for AP Spine L1-L4) USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) AP Spine Reference Population (n=113); Matched for Age, Weight (females 25-100 kg), Ethnic (World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.)
 Date created: 02-04-2024 15:55:29 (15 (SP 2)); Filename: muma262jk.db; AP Spine: 76.3.00.50.03:12.0 0.00 10.34 0.60±1.05 20.3%Fat=30.5%; 0.000.00 0.00.0.00; Scan Mode: Standard OneScan; 37.0 µGy

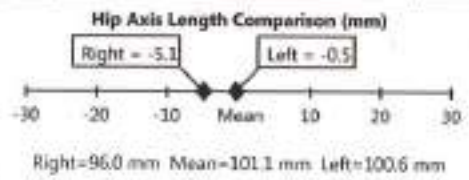
[Signature]
 DEPARTMENT OF RADIOLOGY
 STTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

Patient: .. KASTHURI 47YRS	Referring Physician: (not specified)	
Birth Date: 27-06-1978	Age: 45.5 years	Patient ID: CARE093926876
Height: 153.0 cm	Weight: 60.0 kg	Measured: 09-01-2024 15:12:54 (15 [SP 2])
Sex: Female	Ethnicity: White	Analyzed: 02-04-2024 15:49:22 (15 [SP 2])



Densitometry: USA (Combined NHANES/Lunar)

Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score
Neck Left	0.829	-1.5	-0.8
Neck Right	0.854	-1.3	-0.6
Neck Mean	0.841	-1.4	-0.7
Neck Diff.	0.024	0.2	0.2
Total Left	0.859	-1.2	-0.8
Total Right	0.897	-0.9	-0.5
Total Mean	0.878	-1.0	-0.6
Total Diff.	0.038	0.3	0.3



COMMENTS:

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm² for DualFemur Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Femur Reference Population (n113); Matched for Age, Weight (females 25-100 kg), Ethnic; DualFemur Total T-score difference is 0.3; Asymmetry is None; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women; Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD. (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.)
 Date created: 02-04-2024 15:55:43.15 [SP 2]; Filename: mum2607.judf; Left Femur: 76:100:50:0:12.0 0.00:10.56 0.60x1.05 18.5%Fat=33.7%, 0.00:0.00 0.00:0.00; Neck Angle (deg)= 47; Scan Mode: Standard; 37.0 μ By; Right Femur: 76:100:50:0:12.0 0.00:10.74 0.60x1.05 18.4%Fat=36.4%, 0.00:0.00 0.00:0.00; Neck Angle (deg)= 51; Scan Mode: Standard; 37.0 μ By

DEPARTMENT OF RADIOLOGY
CHETTINAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: ABRIHAN, MARY ABIRAMI
Patient ID: CARE093961091 Birth Date: 23-04-1950 Height: 163.0 cm
Sex: Female Measured: 19-01-2024 Weight: 60.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at AP Spine L1-L4 is 0.991 g/cm² with a T-score of -1.6 is considered moderately low. Treatment is advised if there are other risk factors.

The BMD measured at Femur Neck Left is 0.750 g/cm² with a T-score of -2.1 is low. Treatment, if not already being done, should be started. A follow up DXA test is recommended in one year to monitor response to therapy.

The BMD measured at Femur Neck Right is 0.807 g/cm² with a T-score of -1.7 is considered moderately low. Treatment is advised if there are other risk factors.

The BMD measured at Femur Total Left is 0.849 g/cm² with a T-score of -1.3 is considered moderately low. Treatment is advised if there are other risk factors.

The BMD measured at Femur Total Right is 0.889 g/cm² with a T-score of -0.9 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
AP Spine	L1-L4	19-01-2024	73.7	0.3 Z-score	-1.6	0.991 g/cm ²
DualFemur	Neck Left	19-01-2024	73.7	-0.1 Z-score	-2.1	0.750 g/cm ²
DualFemur	Neck Right	19-01-2024	73.7	0.3 Z-score	-1.7	0.807 g/cm ²
DualFemur	Total Left	19-01-2024	73.7	0.5 Z-score	-1.3	0.849 g/cm ²
DualFemur	Total Right	19-01-2024	73.7	0.8 Z-score	-0.9	0.889 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

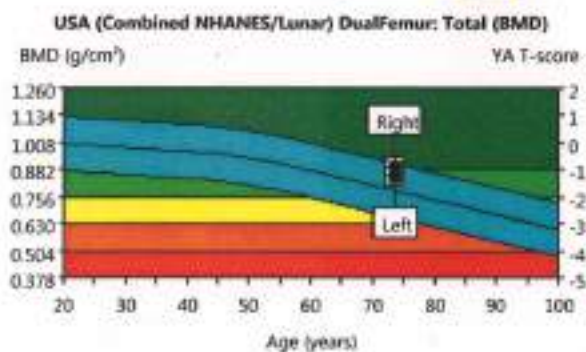
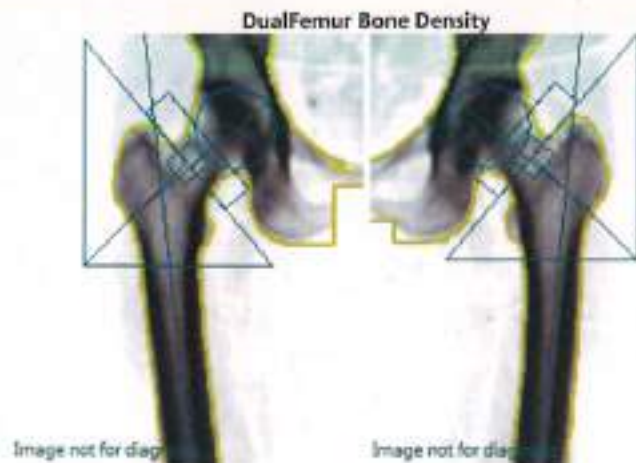
FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in January 2025

(not specified)

Patient:	ABRIJHAN, MARY ABIRAM		Referring Physician:	(not specified)	
Birth Date:	23-04-1950	Age:	73.7 years	Patient ID:	CARE093961091
Height:	163.0 cm	Weight:	60.0 kg	Measured:	19-01-2024 09:26:19 (L5 [SP 2])
Sex:	Female	Ethnicity:	Asian	Analyzed:	19-01-2024 09:32:08 (L5 [SP 2])



Densitometry: USA (Combined NHANES/Lunar)			
Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score
Neck Left	0.750	-2.1	-0.1
Neck Right	0.807	-1.7	0.3
Neck Mean	0.779	-1.9	0.1
Neck Diff.	0.057	0.4	0.4
Total Left	0.849	-1.3	0.5
Total Right	0.889	-0.9	0.8
Total Mean	0.869	-1.1	0.7
Total Diff.	0.040	0.3	0.3

HAL chart results unavailable

(Right = 94.4 mm) (Left = 92.2 mm)

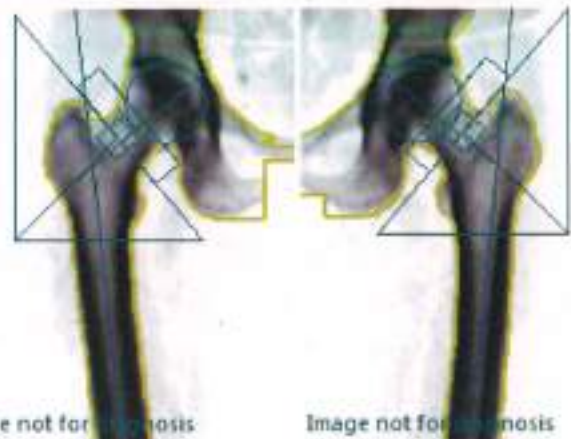
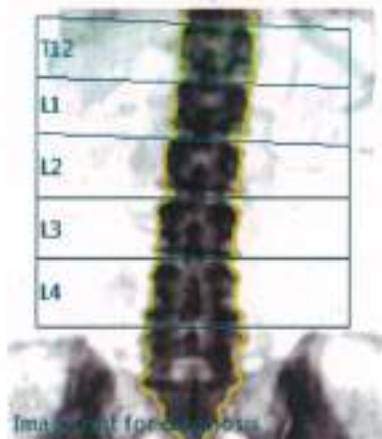
Right=94.4 mm Mean=N/A mm Left=92.2 mm

COMMENTS:

Statistically 68% of repeat scans fall within 1SD (± 0.030 g/cm³ for DualFemur Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Femur Reference Population (V113); Matched for Age, Weight (Females 25-100 kg), Ethnic; DualFemur Total T-score difference is 0.3. Asymmetry is None; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.)

Date created: 02-04-2024 16:17:29 (L5 [SP 2]); Filename: obph707jk.dfs; Left Femur: 76.3.0050.03.12.0.00010.74 0.60x1.05 16.7%fat=28.2%; 0.00.0.00 0.00.0.00; Neck Angle (deg)= 50; Scan Mode: Standard; 37.0 µGy; Right Femur: 76.3.0050.03.12.0.00010.26 0.60x1.05 16.7%fat=27.8%; 0.00.0.00 0.00.0.00; Neck Angle (deg)= 50; Scan Mode: Standard; 37.0 µGy

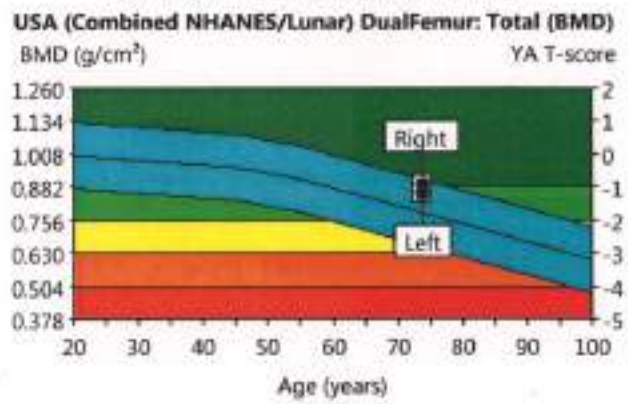
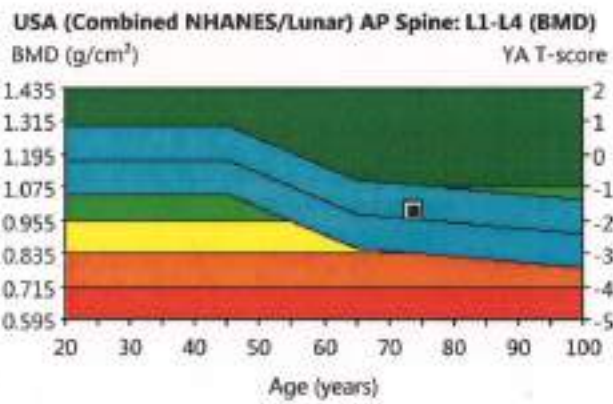
Patient:	ABRIJHAN, MARY ABIRAMI		Referring Physician:	(not specified)	
Birth Date:	23-04-1950	Age:	73.7 years	Patient ID:	CARE093961091
Height:	163.0 cm	Weight:	60.0 kg	Measured:	19-01-2024 09:26:19 (L5 [SP 2])
Sex:	Female	Ethnicity:	Asian	Analyzed:	19-01-2024 09:32:08 (L5 [SP 2])



HAL chart results unavailable

(Right = 94.4 mm) (Left = 92.2 mm)

Right=94.4 mm Mean=N/A mm Left=92.2 mm



Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score	WHO Classification
AP Spine L1-L4	0.991	-1.6	0.3	N/A
DualFemur				
Total Left	0.849	-1.3	0.5	N/A
Total Right	0.889	-0.9	0.8	N/A
Total Mean	0.869	-1.1	0.7	N/A
Total Diff.	0.040	0.3	0.3	N/A

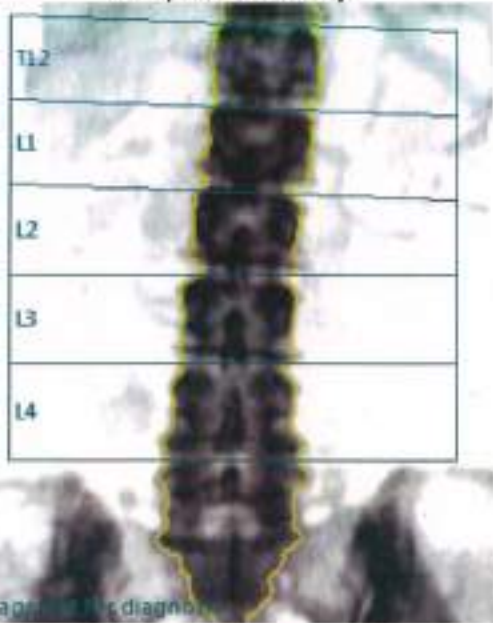
Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for AP Spine L1-L4); (± 0.010 g/cm³ for DualFemur Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40) Femur Reference Population (v113); AP Spine Matched for Age, Weight (females 25-100 kg), Ethnic; DualFemur Matched for Age, Weight (females 25-100 kg), Ethnic; DualFemur Total T-score difference is 0.3. Asymmetry is None; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women; Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores)

Date created: 02-04-2024 16:17:30 15 [SP 2]; Filename: obph7s7jt.dic; AP Spine: 76.3.00.50.03.12.0 0.00.9.72.0.60xL.05.19.5; %Fat=16.7%; 0.000.00.0.000.00; Scan Mode: Standard; OneScan: 37.0 µGy; Left Femur: 76.3.00.50.03.12.0 0.00.10.74.0.60xL.05.16.7; %Fat=28.2%; 0.00.0.00.0.000.00; Neck Angle (deg)= 50; Scan Mode: Standard; 37.0 µGy; Right Femur: 76.3.00.50.03.12.0 0.00.10.26.0.60xL.05.16.7; %Fat=27.8%; 0.000.00.0.000.00; Neck Angle (deg)= 50; Scan Mode: Standard; 37.0 µGy

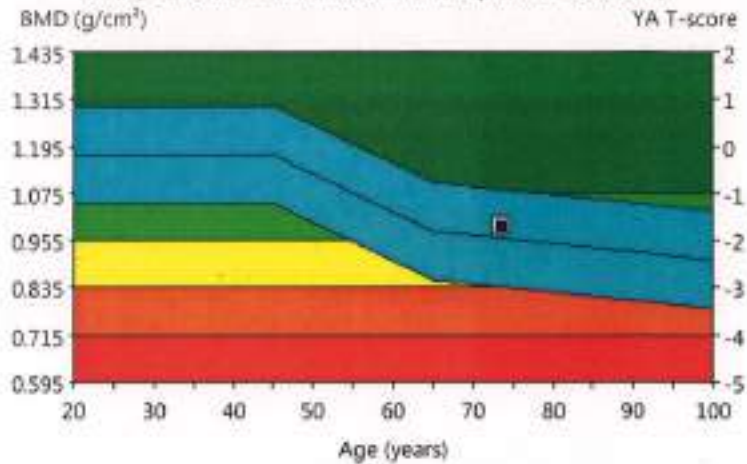
DEPARTMENT OF RADIOLOGY
CHETTIHAD HOSPITAL & RESEARCH INSTITUTE
KELAMBAKKAM

Patient:	ABRIHAN, MARY ABERAMI		Referring Physician:	(not specified)	
Birth Date:	23-04-1950	Age:	73.7 years	Patient ID:	CARE093961091
Height:	163.0 cm	Weight:	60.0 kg	Measured:	19-01-2024 09:26:19 (15 [SP 2])
Sex:	Female	Ethnicity:	Asian	Analyzed:	19-01-2024 09:32:08 (15 [SP 2])

AP Spine Bone Density



USA (Combined NHANES/Lunar) AP Spine: L1-L4 (BMD)



Densitometry: USA (Combined NHANES/Lunar)			
Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
L1	0.982	-1.3	0.6
L2	0.986	-1.8	0.1
L3	1.037	-1.4	0.5
L4	0.965	-2.0	-0.1
L1-L4	0.991	-1.6	0.3

COMMENTS:

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for AP Spine L1-L4) USA (Combined NHANES (ages 20-80) / Lunar (ages 20-80) AP Spine Reference Population (v113)) Matched for Age, Weight (females 25-100 kg), Ethnic, World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women: Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores.)
 Date created: 02-04-2024 16:17:24 (15 [SP 2]); Filename: obph747j&dfc; AP Spine: 76.3.0050.03.12.0 0.609.72 0.60x1.05.19.5%Fat=36.7%; 0.00.0.00.0.00.0.00; Scan Mode: StandardOneScan; 37.0 µGy

Bone Densitometry Report: 02 April 2024

Referring Physician: (not specified)

PATIENT:

Name: GAJALAKSHMI 50YRS
Patient ID: CARE093932211 Birth Date: 01-01-1973 Height: 155.0 cm
Sex: Female Measured: 08-01-2024 Weight: 89.0 kg
Indications: Fractures: Treatments:

ASSESSMENT:

The BMD measured at Femur Neck Left is 0.904 g/cm² with a T-score of -1.0 is considered moderately low. Treatment is advised if there are other risk factors.

The BMD measured at Femur Neck Right is 0.875 g/cm² with a T-score of -1.2 is considered moderately low. Treatment is advised if there are other risk factors.

The BMD measured at Femur Total Left is 0.951 g/cm² with a T-score of -0.4 is normal.

The BMD measured at Femur Total Right is 0.898 g/cm² with a T-score of -0.9 is normal.

Site	Region	Measured Date	Measured Age	Age - Matched Z - Score	Young-Adult T-score	BMD
DualFemur	Neck Left	08-01-2024	51.0	-0.7 Z-score	-1.0	0.904 g/cm ²
DualFemur	Neck Right	08-01-2024	51.0	-0.9 Z-score	-1.2	0.875 g/cm ²
DualFemur	Total Left	08-01-2024	51.0	-0.5 Z-score	-0.4	0.951 g/cm ²
DualFemur	Total Right	08-01-2024	51.0	-0.9 Z-score	-0.9	0.898 g/cm ²

World Health Organization (WHO)
Normal T-score at or above -1 SD
Low Bone Mass T-score between -1 and -2.5 SD
Osteoporosis T-score at or below -2.5 SD

RECOMMENDATION:

FOLLOW-UP:

People with diagnosed cases of osteoporosis or osteopenia should be regularly tested for bone mineral density. For patients eligible for Medicare, routine testing is allowed once every 2 years. The testing frequency can be increased to one year for patients who have rapidly progressing disease, or for those who are receiving medical therapy to restore bone mass.

Based on these results, a follow-up exam is recommended in January 2026

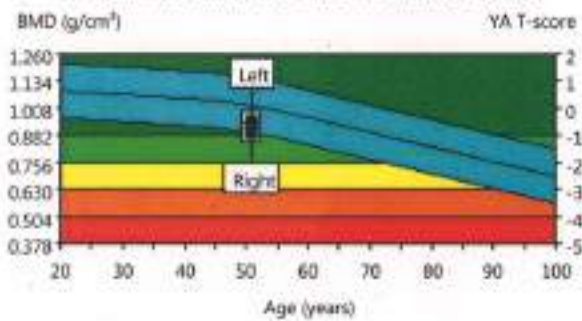
(not specified)

Patient:	GAJALAKSHMI 50YRS		Referring Physician:	(not specified)	
Birth Date:	01-01-1973	Age:	51.0 years	Patient ID:	CARE093932211
Height:	155.0 cm	Weight:	89.0 kg	Measured:	08-01-2024 11:53:08 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	08-01-2024 12:06:32 (15 [SP 2])

DualFemur Bone Density

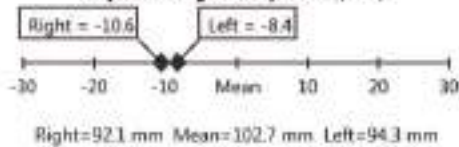


USA (Combined NHANES/Lunar) DualFemur: Total (BMD)



Densitometry: USA (Combined NHANES/Lunar)				
Region	BMD (g/cm³)	Young-Adult T-score	Age-Matched Z-score	
Neck Left	0.904	-1.0	-0.7	
Neck Right	0.875	-1.2	-0.9	
Neck Mean	0.890	-1.1	-0.8	
Neck Diff	0.029	0.2	0.2	
Total Left	0.951	-0.4	-0.5	
Total Right	0.898	-0.9	-0.9	
Total Mean	0.925	-0.7	-0.7	
Total Diff	0.053	0.4	0.4	

Hip Axis Length Comparison (mm)



COMMENTS:

Statistically 68% of repeat scans fall within 1SD (± 0.010 g/cm³ for DualFemur Total); USA (Combined NHANES (ages 20-90) / Lunar (ages 20-40) Femur Reference Population (v113); Matched for Age, Weight (females 25-100 kg), Ethnic; DualFemur Total T-score difference is 0.4. Asymmetry is None; World Health Organization - Definition of Osteoporosis and Low Bone Mass for Caucasian Women Normal = T-score at or above -1.0 SD; Low Bone Mass = T-score between -1.0 and -2.5 SD; Osteoporosis = T-score at or below -2.5 SD; (WHO definitions only apply when a young healthy Caucasian Women reference database is used to determine T-scores)

Date created: 02-04-2024 15:57:10 15 [SP 2] Filename: solvetsj.kdffc : Left Femur: 763.005003:12.0 0.00:12.96 0.60v1.05 21.6%Fat=40.2%; 0.00000 0.00000; Neck Angle (deg)= 55; Scan Mode: Standard: 37.0 µGy; Right Femur: 763.005008:12.0 0.00:12.84 0.60v1.05 21.1%Fat=42.0%; 0.00000 0.00000; Neck Angle (deg)= 55; Scan Mode: Standard: 37.0 µGy



Patient:	., GAJALAKSHMI 50YRS		Referring Physician:	(not specified)	
Birth Date:	01-01-1973	Age:	51.0 years	Patient ID:	CARE093932211
Height:	155.0 cm	Weight:	89.0 kg	Measured:	08-01-2024 11:53:08 (15 [SP 2])
Sex:	Female	Ethnicity:	White	Analyzed:	08-01-2024 12:06:32 (15 [SP 2])

AP Spine Bone Density



Densitometry: USA (Combined NHANES/Lunar)			
Region	BMD (g/cm ³)	Young-Adult T-score	Age-Matched Z-score
L1	N/A	N/A	N/A
L2	0.000	-	-
L3	0.000	-	-
L4	0.000	-	-
L5	0.000	-	-

COMMENTS:

DEPARTMENT OF RADIOLOGY
 CHETTINAD HOSPITAL & RESEARCH INSTITUTE
 KELAMBAKKAM

