

Healthcare to all

Chettinad Academy of Research and Education (CARE) has nurtured "**Health care to all**" as a distinctive priority area being a Healthcare Institute.

Chettinad Hospital and Research Institute, one of the constituent colleges and a major stake holder of Chettinad Academy of Research and Education was started with the core objective of transforming medical education, contributing to research and development in health and biological sciences and above all, providing affordable and quality healthcare at global standards to the population in need.

The hospital is located in the suburban and rural zone in the outskirts of Chennai and from the time it was started the key focus is to offer state of the art, tertiary care along with preventive health care at the community level. The medical college and hospital has Essentiality certificate issued by Tamilnadu Govt and necessary statutory permissions and recognitions from Ministry of Health and family welfare, Govt. of India.

The hospital is located within the 33.45 acre lush green zone where gasoline operated vehicular movement is restricted. It has 1180 beds besides more than 100 ICU beds, 16 operation theatres and 24x7 emergency and trauma care centre. The wards are spacious with adequate distance maintained between beds and every ward is self sufficient with all supportive infrastructure facilities such as pantry, treatment room, duty doctor's room, nursing station, demo room and rest rooms. Every aspect of the infrastructure is carefully designed by keeping patients' convenience and utility in mind and it is a wonderfully created infrastructure for a medical college and hospital.

The doctors working in the hospital are highly qualified and experienced and they execute the triple role of being medical teacher, researcher and treating doctor. All the doctors are with MD/MS and DM/MCh qualifications and are highly reputed in their own speciality. The hospital has all advanced facilities to handle patients in general specialties and super specialties. The hospital offers services in i) Medicine and allied specialties like General Medicine, Pediatrics, Dermatology, Psychiatry & Pulmonology, ii) Surgery and allied specialties like General Surgery, Orthopedics, ENT & Ophthalmology, iii)

Obstetrics and Gynaecology and iv) Super specialty services including Cardiology, Neurology, Medical Gastroenterology, Neonatology, Neurosurgery, Urology & Cardio Thoracic and Vascular Surgery and Plastic Surgery. Liver and renal transplants are carried out in our hospital.

Besides, the hospital has high end laboratory services in Pathology, Microbiology and Biochemistry and radiology department with CT scan, MRI scan, USG scan and digital X ray facilities. The lab services are accredited by NABL for more than 10 years. The microbiology lab has BSL II and III facilities and is an ICMR recognized centre for COVID-19 testing.

The Institute, right from inception, has been focusing on improving the overall and holistic health of the surrounding population. The census data with regard to the clinical material is ever improving and it was mainly due to the excellent care our doctors are offering and the good feedback given by the patients on our patient care. The achievement that the hospital could make in a short span of 10 years can be seen in the numbers of various hospital statistics. And basically the hospital has adequate clinical material that fulfills the criteria recommended by the medical regulatory body for training the students of UG, PG and superspeciality programs.

Outpatient data: The average number of daily out-patients was 3456 in the year 2015, 3543 in 2016, 3590 in 2017, 4585 in 2018 and 4824 in 2019.

Inpatient data: The number of teaching beds in the hospital was 1110 in 2015 & 2016, 1150 in 2017 and 1180 in 2018 and 2019. The average daily bed occupancy rate was always more than 80% in all these years, 85% in 2015, 2016 & 2017 and it was 84% in 2018 and 2019. On an average, 245 new patients were admitted every day in 2015 which became 251 admissions in 2016, 255 admissions in 2017, 293 in 2018 and 302 admissions in 2019.

The daily average of major surgeries was 49, 51, 52, 62 and 64 in the years 2015, 2016, 2017, 2018 and 2019 respectively.

The average daily deliveries including the normal deliveries and caesarian sections were 9 in the year 2015 and it increased gradually to 12 in 2019.

Similarly, the diagnostic and radiological data are also adequate. The daily average investigative workload is 785 X rays, 31 MRIs, 40 CT scans and 305

ultrasound scans. The daily average lab workload is 2418 samples in Biochemistry, 437 in Microbiology, 174 in serology, 2508 in Haematology and 457 samples in clinical pathology.

The hospital is running a free community hospital in the main campus besides the other speciality departments. Under this community hospital, the patients in the surrounding villages are offered free pick up & drop at their door step, free OPD consultation, free investigations and medicines. The hospital owns and operates rural and urban health centers approximately 15 kilometers from the main campus. They are offering primary and secondary health care to the people surrounding the respective centres. On an average more than 100 patients visit the rural and urban centers and free treatment is offered to them. In addition to general medical care, speciality medical care, ultrasound scan, X ray and Lab investigations are also offered in these satellite centers.

In summary, the vision of offering high quality and affordable healthcare to the rural and semi urban population has been translated into reality and the numbers indicate that our patient care is one of our distinguished areas where we have achieved significantly.