

Inauguration of Digital X-ray, Child urinary continence clinic and National New Born week on 16.11.2010

**Institute of Child Health and Hospital for Children,
Chennai - 8**

Digital X-ray:

The Pediatric Radiology Department at Institute of Child Health and Hospital for Children is functioning for the last 42 years. An average of 400 X-rays are taken and 30 Contrast studies are done every day. Digital x-ray is a revolutionary technique where digital sensor is used instead of traditional photographic film. The advantages are less time, less radiation, no chemical processing and ability to digitally transfer and enlarge image. The major incentives for hospitals to adopt digital radiography are the reduction in the cost associated with processing, imaging and storing films.

Government of Tamil Nadu has introduced this major advance of installing digital x-rays in all the medical college institutions. Institute of Child Health and Hospital for Children, Chennai is a beneficiary of this programme where this state of art radiography costing about Rs.80 Lakhs is being inaugurated.

Child urinary Continence Clinic :

There are some children who have dribbling of urine mainly due to neurological conditions and also due to non coordination in evacuation of urine. These children face social stigma and may drop out of school. This problem also causes psychological disturbances for them and great stress for their parents. This specialized clinic is planned to identify their problems and to take up remedial measures in a focused manner. In the Department of pediatric urology at Institute of Child Health and Hospital for Children, Chennai in the past 5 years 1250 children were brought for urinary incontinence. Majority of them are between 5 to 10 years.

Newborn week inauguration:

Newborns are the main focus in Pediatric care because majority of deaths in children take place in the first month after birth, which is the newborn period. Government of Tamil Nadu is taking all efforts to improve the newborn care through improving the facilities not only in the medical college hospital but also through the district hospitals and special centres such as CEMONC and BEMONC centres. This week is celebrated to highlight the care to be delivered to newborns. The theme for this year is "Improving care of Low Birth Weight (LBW) babies". In a study, 2/3rd of all the Neonatal deaths happen in LBW babies. Important causes for Low Birth Weight are hypertension, anemia, and nutritional deficiency of the mother in the antenatal period.

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