

Robotic, Hipec

The '*Da Vinci Xi*' robotic surgical system, costing Rs. 30 crore commissioned using funds from the 'Rebuild Kerala' initiative, makes precision surgery accessible to patients from all socio-economic backgrounds. The robotic assisted surgery confers multiple benefits, including decreased patient pain, reduced intraoperative bleeding, and expedited recovery. Another noted addition was the installation of a cutting-edge HIPEC (Hyperthermic Intraperitoneal Chemotherapy) facility at a cost of Rs. 1.32 crore from the State Cancer Institute fund. The HIPEC system combines surgery with heated intraoperative, intraperitoneal chemotherapy in patients with certain advanced abdominal cancers.

MRI, Mammography

The radiodiagnostic infrastructure received a significant boost with the inclusion of a state-of-the-art 3-Tesla MRI scanner and a 3-D digital mammography unit, which were made possible through Rs. 22 crore funding from the state plan and state cancer institute funds, respectively. New diagnostic services such as tomosynthesis of breast, contrast-enhanced mammography, stereotactic breast biopsy, vacuum assisted breast biopsy, and MR-guided breast biopsy procedures were started with the above additions.

Gallium-68 generator

The newly installed Gallium-68 generator, purchased using the CSR fund from Kerala State Industrial Development Corporation Ltd during the previous period, was used to commence the Gallium-68 DOTATATE scan for neuroendocrine tumour and the PSMA (Prostate-Specific Membrane Antigen) scan for prostate cancer at the Nuclear Medicine division. The division also started ¹⁷⁷Lu-DOTATATE therapy for neuroendocrine tumour and PSMA therapy for prostate cancer.

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