



श्री चित्रा तिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान, त्रिवेन्द्रम
SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, TRIVANDRUM
THIRUVANANTHAPURAM - 695 011, KERALA, INDIA
(एक राष्ट्रीय महत्त्व का संस्थान, विज्ञान और प्रौद्योगिकी विभाग, भारत सरकार)
(An Institution of National Importance, Department of Science and Technology, Government of India)
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R&P Cell/DST/SCTIMST/2024

30.01.2024

Dr. Manoranjan Mohanty
Head
Autonomous Institution Division
Department of Science & Technology
Ministry of Science and Technology
Technology Bhawan, New Mehrauli Road
New Delhi – 110 016.

Attn: Shri. Sumeet Nagpal, JTA, AI, DST

Sub: Furnishing of Action Taken Notes to Rajya Sabha Secretariat on the recommendations/observations contained in the 147th Report of the Department -related Parliamentary Standing Committee on H&FW on action taken by Govt. on the recommendations/observations contained in the 139th Report on Cancer Care Plan & Management: Prevention, Diagnosis, Research & Affordability of Cancer treatment - reg.

Ref: Email from DST on the above subject.

Dear Dr. Mohanty,

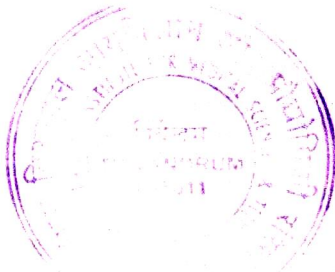
With reference to the email received from Department of Science & Technology on the above subject, the Action Taken Notes (ATN) to be furnished to Rajya Sabha Secretariat on the recommendations/ observations contained in the 147th Report of the Department is attached herewith.

Thanking you

Yours sincerely,


DIRECTOR

निदेशक / Director
श्री चित्रा तिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान
Sree Chitra Tirunal Institute
for Medical Sciences & Technology,
त्रिवेन्द्रम/Trivandrum - 695011



4.7 SERVICES OF SCTIMST FOR NEURO-ONCOLOGY RELATED AILMENTS

Recommendation:

4.7.1 The Committee takes into consideration that the various departments in SCTIMST provide comprehensive surgical and interventional treatment as part of oncology related services. The Committee believes that the Patients especially from the economically weaker section of the society from all states of country would avail the benefits of the services of SCTIMST for neuro-oncology related ailments. (Para 4.12.8 *ibid*)

Action Taken:

Sree Chitra Tirunal Institute for Medical Sciences and technology is an Institution of National Importance situated in Trivandrum, the capital city of Kerala under the ministry of Science and Technology. The institute is unique due to its role played in development of bio-medical technology for patient care and interventions in the society through the public health wing blending the services with state of the art clinical services in the fields of cardiac and neuro sciences.

The hospital has 253 beds and serves as tertiary referral centre for cardiovascular, thoracic and neurologic diseases. With a number of highly qualified personnel the hospital provides state-of-the art care for thousands of patients each year. The hospital caters to more than one and a half lakh outpatients and a little over 10,000 inpatients each year. Various departments in SCTIMST provide comprehensive surgical and interventional treatment as part of oncology related services.

Patients especially from the economically weaker section of the society from all states of our country seek the services of SCTIMST for neuro-oncology related ailments. SCTIMST has maintained a uniquely altruistic tradition of subsidized services to the financially poor and vulnerable. This is mainly due to Government aided schemes – Ayushman Bharat -PMJAY scheme, Rastriya Arogya Nidhi (RAN) and Health minister's discretionary grant (HMDG). Governmental support both central and from states apart from philanthropic efforts of individuals and corporate organizations fund the treatment for the weaker sections of the society seeking oncology related services.

Department of Neurosurgery at SCTIMST caters to a wide section of population of our country who seek treatment for cancers involving brain and spinal cord especially from the 4 southern states. Various cancers of the brain and spinal cord are evaluated and treated at SCTIMST. These include primary tumours of the brain, primary tumours of the spinal cord and secondary deposits from cancers of other organs which get entry in to brain through the blood stream. It is very essential to provide total tumour clearance before the patient is subjected to other modalities of treatment like chemotherapy and radiotherapy.

The various primary brain tumours which are treated surgically at SCTIMST include

- Astrocytoma
- Oligodendroglioma
- Glioblastoma Multiforme
- Germ cell tumours
- Medulloblastomas
- Lymphoma

The Department of Imaging Sciences and Interventional Radiology offers state of the art diagnostic services to diagnose and follow-up cancers involving the brain, lungs and other organs.

Subsidized rates are offered for complex investigations (like functional MRI, advanced MRI sequences and MR angiogram)

The interventional radiology services offer treatment for cancers of the organs like liver by methods such as selective chemo-embolization. Chemo-embolization for tumours of the eye like retinoblastomas, and other pre operative procedures like head and neck tumourebolization are also performed. This aids the surgeon to remove the cancerous tumour totally without blood loss.

The department of Thoracic Surgery caters to patients with thoracic malignancies (Lung cancer, mediastinal tumour, thyroid malignancy and chest wall tumour) and various abdominal malignancies (especially renal cell carcinoma and retro peritoneal sarcoma requiring vascular surgeons' assistance). The surgical team also work closely with Surgical oncologists in Regional Cancer Centre, Trivandrum in various cancer surgeries (any location from neck to foot) requiring intraoperative vascular surgeons' assistance.

