



TIME BOUND
PARLIAMENT QUESTION

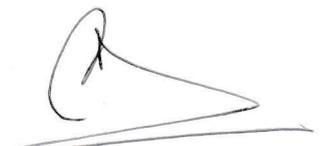
Sub: Lok Sabha Unstarred Q. No. 3260 (Unstarred Diary No. 9202) for answer on 17.12.2021

Point-wise inputs submitted by **Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum (SCTIMST)**, an Institution of National Importance under the Department of Science and Technology, Govt. of India, providing high quality, advanced treatment of cardiac and neurological disorders and public health training and research, focuses on indigenous development of technologies for biomedical devices and materials

(a)	Whether the Government proposes to promote dedicated research and development for the treatment and other medical aspects of Epilepsy, the fourth most common neurological disorder in India;	<p>The R. Madhavan Nayar Center for Comprehensive Epilepsy Care (RMNC) in the Department of Neurology in SCTIMST is the largest epilepsy centre in South-East Asia as per the rating of British Medical Association and the biggest in India offering comprehensive epilepsy care services for all types of adult and pediatric people with epilepsy, seizure emergencies (status epilepticus) and also epilepsy in women especially in the reproductive age group. Epilepsy services include EEG, Video-EEG, electrocorticography (ECoG), intracranial implantation of electrodes, vagus nerve stimulator implantation, sphenoidal electrode implantation, cortical stimulation and mapping (intra and post-operatively), somatosensory evoked potential mapping (SSEP) during epilepsy surgery, stereo-EEG implantation etc. Nearly 1500 video EEGs and 120 epilepsy surgeries are performed annually. And since its inception in 1995, the centre has completed more than 2600 epilepsy surgeries so far which is a step that could be achieved by only few centres world-over.</p> <p>Various research activities are going on in RMNC with regards to pre-surgical evaluation of refractory epilepsy, electrophysiology, neuropsychology, multimodality imaging, electroencephalography-functional MRI co-registration (EEG-fMRI), intracranial EEG along with brain mapping evaluation strategies, genetics of complex childhood epilepsies such as developmental-epileptic encephalopathies and the Kerala Registry of Epilepsy and Pregnancy (KREP) to support women with epilepsy. This centre has been able to bring up many dedicated centres of a similar nature in various other states of India and our neighbouring countries like Srilanka, Bangladesh, Nepal etc.</p>
(b)	If so, the details thereof; and	Government of India provides research funds which is obtained through DST, DBT, ICMR etc. promoting dedicated research and development for the treatment and other medical aspects of Epilepsy
(c)	If not, the reasons therefore?	NA

Date: 13.12.2021




DIRECTOR