

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH RESEARCH**

**LOK SABHA
UNSTARRED QUESTION NO. 3260
TO BE ANSWERED ON 17th DECEMBER, 2021**

TREATMENT OF EPILEPSY

**3260. SHRIMATI QUEEN OJA:
SHRI VISHNU DATT SHARMA:
DR. ARVIND KUMAR SHARMA:
DR. BHARATIBEN DHIRUBHAI SHIYAL:**

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

(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;

(b) if so, the details thereof; and

(c) if not, the reasons therefor?

**ANSWER
THE MINISTER OF STATE FOR HEALTH AND FAMILY WELFARE
DR. BHARATI PRAVIN PAWAR**

(a) to (c): Government of India provides funds for Research and developing treatment of Epilepsy. The details of projects by various organisations are given in Annexure.

Annexure

SI. No.	Funding Agency	Project period	Title of the Project
1	Indian Council of Medical Research	2021-2022	Differential expression of epilepsy-associated long non-coding RNAs (lncRNAs) in Epileptogenic Brain Tissue and peripheral Blood.
2		2019-2022	Awareness of head-injury while driving in patients with epilepsy: A preventive and public education study
3		2021-2024	"Can capacity building at primary care level improve access to epilepsy care in Chhattisgarh? An Implementation Research"
4			Towards developing a National Epilepsy Control Program: A Pilot community – Based, Randomized Trial of Delivery of Care to People with Epilepsy.
5	Department of Biotechnology	2018-2022	Elucidating region specific alterations of glutamatergic excitatory neurotransmission in a rodent pilocarpine model of temporal lobe epilepsy.
6	Biotechnology Industry Research Assistance Council (BIRAC)	2019-2020	A Portable, Affordable & Accessible Diagnostic Tool for Mental Health Conditions including Seizures and Epilepsy
7	O/o the Principal Scientific Adviser, GoI	2018-2022	Investigation of the role of dysfunctional benzodiazepine binding site on GABA A receptor in benzodiazepine-resistance associated with drug-resistant epilepsy
8	Department of Science and Technology	2020-2023	Elucidating the Efficacy of yoga meditation and its associated epileptic modulation in person with temporal plus and temporal lobe epilepsy.
9		2021-2024	Association of social cognition and behavioural impairment in persons with epilepsy or antiepileptic drug monotherapy correlation with neuroimaging findings and trace elements status
10			Various research activities are going on in the Department of Neurology's R. Madhavan Nayar Center for Comprehensive Epilepsy Care (RMNC) in the Sree Chitra Tirunal Institute for Medical Sciences & Technology, Trivandrum, under the aegis of Department of Science and Technology, with regard to presurgical 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.
11	All India Institute of Medical Sciences, Delhi	2019-2020	Elucidating region specific alterations of glutamatergic excitatory neurotransmission in a rodent pilocarpine model of temporal lobe epilepsy.
12	Board of Research in Nuclear Sciences (BRNS), Mumbai	2018-2022	Effect of plasma jet on tumor tissues resected from patients with tumor linked refractory epilepsy
