



NEUROLOGY RESEARCH & PATIENT WELFARE FUND

ANNUAL REPORT July 2021- June 2022

Projects of the NGO continued under the heads of

- Comprehensive Epilepsy Control Programme of Pakistan-(CECP)
- National Epilepsy Centre (NEC)
- Epilepsy Support Pakistan (ESP)
- Najmuddin Auditorium Complex

Epilepsy-related activities of NEC & ESP overlap and are being mentioned under the heading of CECP.

COMPREHENSIVE EPILEPSY CONTROL PROGRAMME OF PAKISTAN (NATIONAL EPILEPSY CENTRE & EPILEPSY SUPPORT PAKISTAN).

A. PATIENT MANAGEMENT

• NEC outpatient clinics

Total Registered Patients: 10,648

New patients registered : 618

Follow up/Consultations : 13,010

• Drug Bank

One month's medicine supply was given. Some affording patients did not use the NEC-Drug Bank facility which is basically for the poor and deserving patients

Total patients	:	12,250
Patient's contribution	:	PKR 250/
Actual cost of one month's medicines	:	PKR. 1000 to PKR. 30,000

(The token amount charged is equivalent to ~5% of the actual cost. It is levied to add value to the services provided. The NGO strongly believes that anything distributed free loses its value)

• EEG Labs

Total EEGs with video recordings: 18,890

Total done during current year: 1,191

Registered NEC patients: 915

Outside referrals: 276

NEC patients : Rs 500/-

Outside referral : Rs 1000/-

EEG charges at NEC are equivalent to 15% of the commercial cost. All EEGs at NEC are performed with video-recordings. This gold-mark method of EEG recording which was



introduced in Pakistan by NEC, is not done routinely anywhere in Pakistan. Only under special conditions some rare hospital may do a video EEG but at a much higher cost than usual.

- **Neuroradiology (CT, MRI, MRA)**

Services are provided by Radiology Dept. JPMC at highly concessional rates.

B. EPILEPSY AWARENESS

School Awareness Workshops

Epilepsy Awareness Workshops for the students Inner Wheel School Korangi, Karachi and Kiran Foundation - DCTO Campus, were conducted. Students, mothers of the students, class teachers and members of Inner Wheel Club, Karachi and Kiran Foundation who run these schools attended the session. The session lasted for about 2 hours. Interactive lecture addressed stigma, myths & misconception about epilepsy and epilepsy first aid. Information brochure was distributed.

Epilepsy Awareness Billboards

Large sized epilepsy awareness billboards have been placed on the roadside entrance of major public tertiary care hospital. There is a heavy flow of traffic and public movement on this road 1 KM long road 24/7 on which are located two more large public sector hospitals, a medical university, a private sector hospital and a school for special children.

International Epilepsy Day

International Epilepsy Day was at National Epilepsy Centre, Jinnah Postgraduate Medical Centre, Karachi. Awareness activities were accompanied with free consultation with provision of medication to all the patients with epilepsy visiting the OPD.

ILAE/IBE Round Table Conference to discuss I-GAP

On invitation of ILAE/IBE Dr, Zarine Mogal, showcased the holistic epilepsy-related activities undertaken in Pakistan and the sustained ongoing epilepsy awareness activities since 2000 which have borne positive results especially in reduction of epilepsy treatment gap at a Virtual Roundtable Meeting to discuss the draft of the Intersectoral Global Action Plan on Epilepsy and Other Neurological Disorders. At this meeting ILAE/IBE wanted to showcase some good examples of country level action to support strengthening of care and treatment for epilepsy and Pakistan is one amongst them. Over 160 people attended from 50 different countries, with representation from Missions and Ministries of Health, Education and Employment. The presentation was highly appreciated by the Presidents of ILAE and IBE and participants.

Epilepsy Awareness Documentary

As per routine, paid telecast of epilepsy awareness documentary in Pushto was done twice a day at near peak hours for 30 days on Khyber TV, a regional satellite television channel for the Pushto-speaking population of the country, This channel is viewed by overseas Pakistanis and people in neighboring countries speaking the language



On Voice of America Urdu

Dr. Zarine Mogal appeared on VOA-Urdu in a health awareness session to talk about epilepsy in Pakistan and the efforts undertaken to change the nation's mindset to 'epilepsy is a treatable medical condition and not due to witchcraft, evil eye or supernatural causes.

EDUCATIONAL ACTIVITIES

- Two days ASEPA-ANZAN EEG Teaching Course was held on 20-21 November 2021 at Surge Laboratories Head Office, Karachi. Eight ASEPA tutors tutored 40 participants that included postgraduate neurology trainees and freshly graduates in small group hands on training. Methodological EEG teaching is lacking in Pakistan and these workshops help provide a solid foundation on which one builds his/her skills through maximum experience in EEG labs.

Dr. Zarine Mogal
Joint Secretary