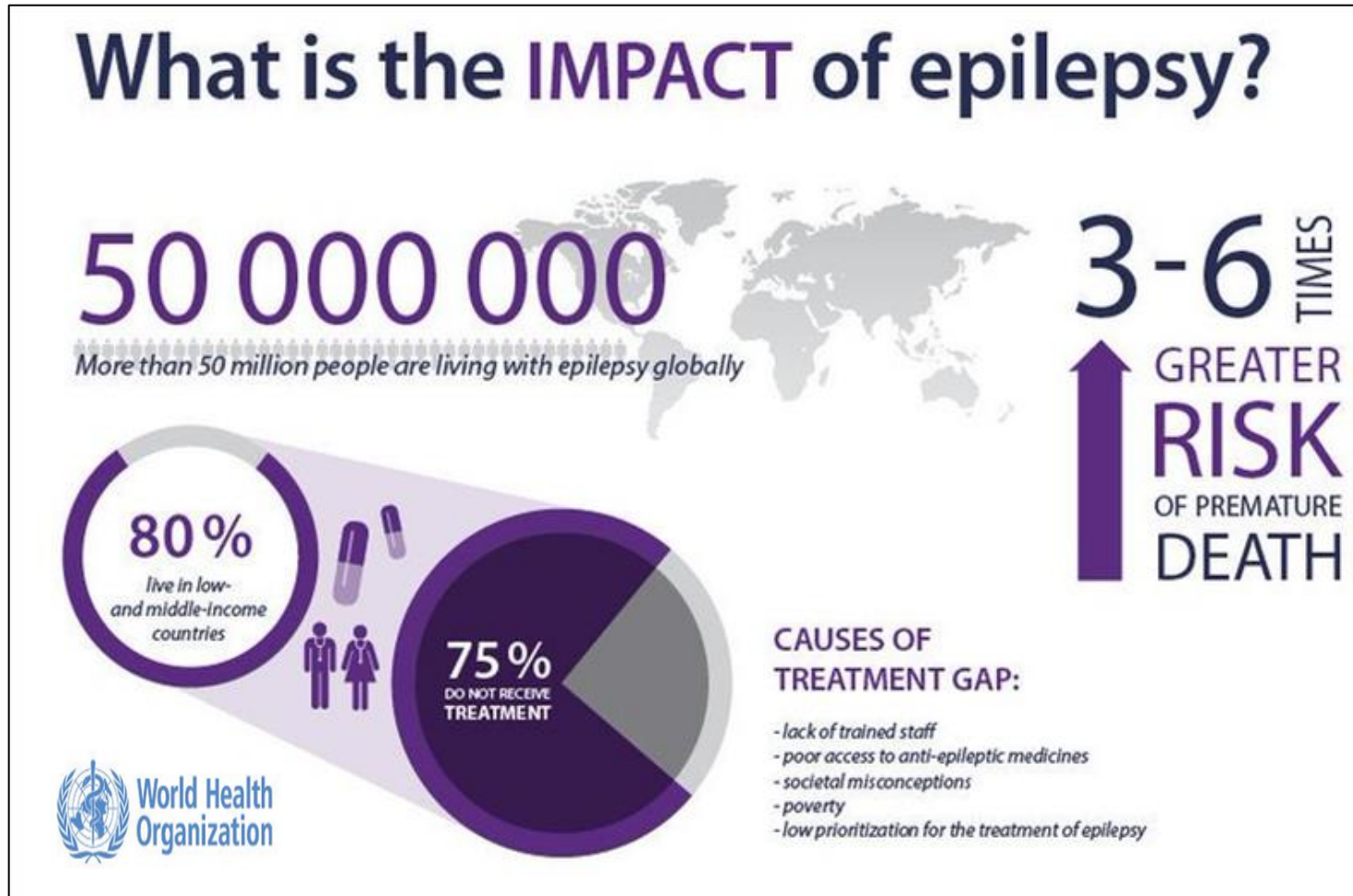


NEUROSTELLAR

Experience the Future



Epilepsy is the second most prevalent neurological disorder



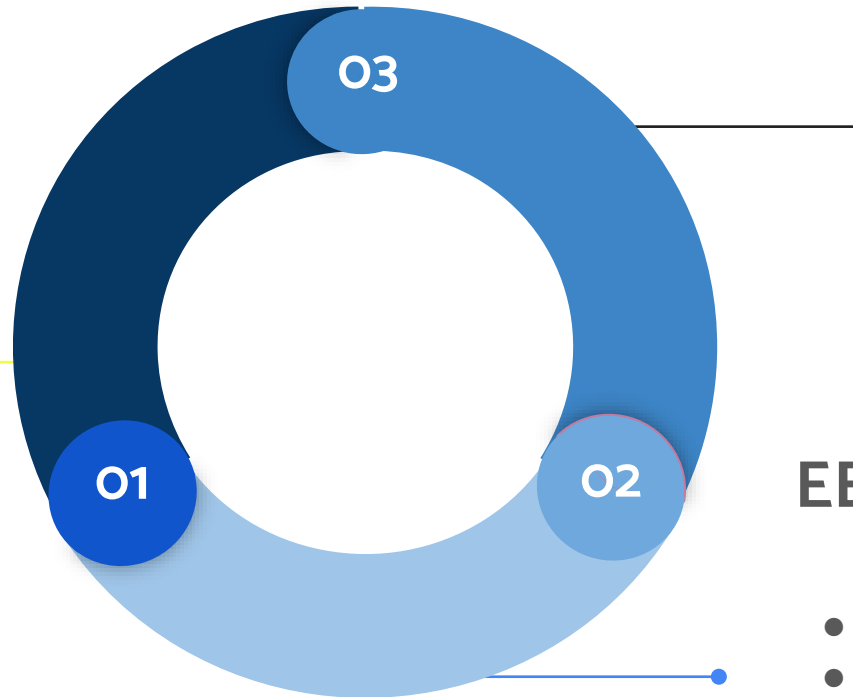
- **50-100 million** people affected worldwide with **10 million** people in India
- **Misdiagnosis** rate of epilepsy **35-40%**
- If Seizure is untreated, the **mortality** for patients continuously seizing is **>70%**



EPILEPSY MISDIAGNOSIS TRIAD

EEG SYSTEM

- Signal Quality
- High-end Systems- Unaffordable
- Poor Patient Experience-



NEUROLOGIST

- Shortage of Neurologists- **(1:3800)**
- Lack - Training And Exposure
- Misinterpretation- Highly Prevalent-15%
- Interpretation Of Eeg-time Consuming

EEG TECHNICIAN

- Technician Errors
- Lack Of Skilled Technicians
- Experienced Technician

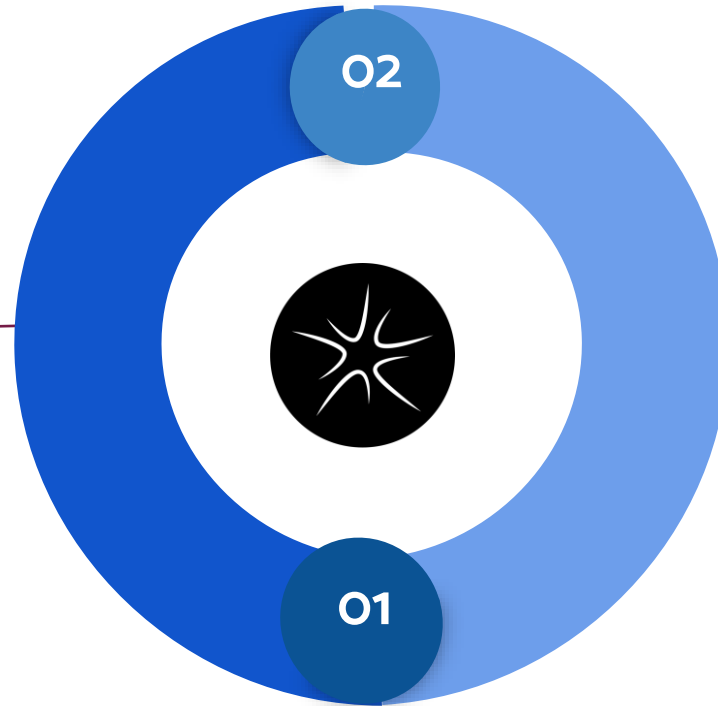
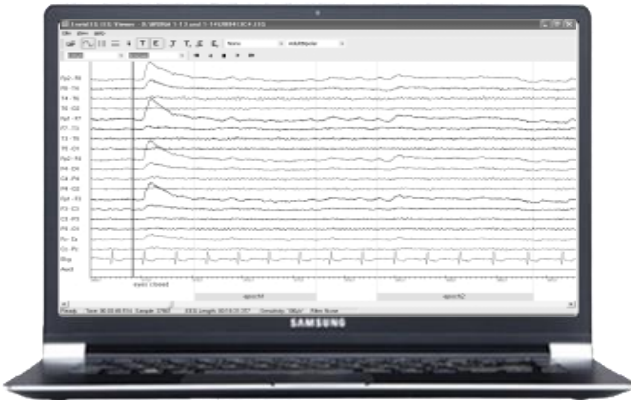
<https://www.nature.com/articles/s41598-020-62154-0>
<https://www.tandfonline.com/doi/full/10.1586/ern.09.157>
[https://www.epilepsybehavior.com/article/S1525-5050\(07\)00193-X/fulltext](https://www.epilepsybehavior.com/article/S1525-5050(07)00193-X/fulltext)



SOLUTION

A highly personalized Neuro-diagnostic web application that could assists in Remote/Tele monitoring of EEG Reporting and Diagnosis using Cloud computing and Machine learning techniques aiding healthcare fraternity.

DESKTOP INTERFACE FOR
EEG ACCESS/REPORT



TOOL FOR SEIZURE DETECTION
AND CLASSIFICATION



SOFTWARE & TELEMETRY DEMO

