

Epilepsy

Who is affected?

- Between 4-10 per 1000 people are affected by Epilepsy or in need of treatment
- About 80% of the total patients come from low or middle-income countries
- Can affect people of all ages

Neuroscience of Epilepsy

Recurrent, unprovoked seizures occur due to abnormal electrical activity in groups of nerve cells (neurons), leading to involuntary movements. This abnormal activity can start in different areas of the brain and is often caused by an imbalance between activating (excitatory) and calming (inhibitory) signals in the neurons.