

The Epilepsy Lab was established in 2000 with the help of professors and the Faculty officials. The aim of establishing the lab was to investigate the therapeutic and physiological mechanisms involved in epilepsy to place emphasis on the study of deep brain stimulation as a new therapeutic approach in drug-resistant epilepsy and its effect on transferability and synaptic plasticity in laboratory models triggering Epilepsy and convulsion. The Lab was also set up to meet the needs of professors, students and researchers. The Lab is currently located in an area of 30 square meters on the 2nd floor of the Medical Building 3.



◀ Equipment and Facilities Available at the Laboratory

- The device required for recording localized and excited field potentials in anesthetized or moving animals, the device required for creating laboratory epilepsy models including, electric kindling, chemical kindling and the pilocarpine model, stereotaxy device, tools for mouse and rat lab surgery

◀ The list of specialized services provided by the laboratory

- Electric and chemical kindling for open field, Y maze, Z maze, Barnes maze behavioral tests