Mindluster Platform

About the course Electroencephalography machine fundamentals

Electroencephalography machine course, in this course we will learn about the Electroencephalography (EEG) machine, including its components, operation, and applications in neurological diagnostics. Students will explore how EEG machines record brain activity using electrodes placed on the scalp and how signals are processed for analysis. Key topics include setting up EEG systems, signal amplification, filtering techniques, and artifact management to ensure accurate data. Participants will also learn about EEG applications in epilepsy detection, sleep studies, and brain-computer interfaces (BCI). Additionally, the course covers safety protocols, machine calibration, troubleshooting, and advancements in portable EEG technology, preparing students for clinical and research environments.

Medical Category's Courses

Course Lesson(3)

Lesson 1 : **Electroencephalography Teaser EEG Machines**

Lesson 2 : **Electroencephalography EEG Machine Part 1 Biomedical Engineers TV**

Lesson 3 : **Electroencephalography Machine EEG Machine Part 2 Biomedical Engineers TV**

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