COMPUTERISED ELECTROENCEFALOGRAPHY IN MONITORING HYPNOSE DURING GENERAL INHALATORY ANESTHESIA WITH ISOFLURANE/O₂

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The mean of this study is to introduce the monitoring computerized EEG in hypnotic anesthesia with BIS module (American concept) vs. Siemens module (European concept) in Isoflurane Inhalator General Anesthesia. The EEG computerized method is based on EEG analog signal processing, using Fast Fourier Transform Method.

That is a prospective study in random selection in 60 patients of ASA I-II. The patients were admitted for elective surgery under general anesthesia. There were used both of the module to evaluate and to compare the results.