



# A Concise Guide to Intraoperative Monitoring

*By George Zouridakis, Andrew C. Papanicolaou*

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*A Concise Guide to Intraoperative Monitoring* begins by discussing the basic principles underlying the generation of bioelectrical signals. It then describes the electronic equipment and the various electrophysiological procedures involved in IOM. From this foundation, the book gradually advances to more specific topics, such as surgical procedures, neuronal structures at risk, the optimum combinations of tests to administer, and the proper interpretation of test results. The material also provides you with a background on general anesthesia and analyzes the effects of various drugs on electrophysiological recordings. *A Concise Guide to Intraoperative Monitoring* also discusses the proper placement of stimulation and recording electrodes, as well as intervention strategies and equipment troubleshooting.

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**Bibliography**

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