

1. Record Nr.	UNISALENTO991001315539707536
Autore	Conto, Francesco
Titolo	Servizi di sviluppo e politica agraria / Francesco Conto
Pubbl/distr/stampa	Galatina : Congedo, 1990
ISBN	887786406X
Descrizione fisica	354 p. ; 26 cm
Collana	Strumenti e materiali ; 1
Disciplina	338.160945
Soggetti	Aziende agrarie - Assistenza tecnica
Lingua di pubblicazione	Non definito
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910791029803321
Autore	Montgomery Erwin B.
Titolo	Intraoperative neurophysiological monitoring for deep brain stimulation : principles, practice and cases // Erwin B. Montgomery
Pubbl/distr/stampa	Oxford, England : , : Oxford University Press, , 2014 ©2014
ISBN	0-19-935102-3 0-19-938938-1 0-19-935101-5
Descrizione fisica	1 online resource (417 p.)
Disciplina	616.8/0475
Soggetti	Neurophysiologic monitoring
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.

Nota di contenuto

Cover; Intraoperative Neurophysiological Monitoring for Deep Brain Stimulation; Copyright; Dedication; Contents; Preface; 1 Importance of intraoperative neurophysiological monitoring; 2 Preparations for intraoperative neurophysiological monitoring; 3 Basic concepts of electricity and electronics; 4 Electrode recordings: Neurophysiology; 5 Microelectrode and semi-microelectrode recordings: Electronics; 6 Noise and artifact; 7 Microelectrode recordings: Neuronal characteristics and behavioral correlations; 8 Microstimulation and macrostimulation; 9 The subthalamic nucleus
10 The globus pallidus interna nucleus
11 The ventral intermediate nucleus of the thalamus; 12 Clinical assessments during intraoperative neurophysiological monitoring; 13 Cases; 14 Future intraoperative neurophysiological monitoring; Appendix A Subthalamic nucleus deep brain stimulation algorithm; Appendix B Ventral intermediate thalamic deep brain stimulation algorithm; Appendix C Globus pallidus interna deep brain stimulation algorithm; Appendix D Microelectrode recording form for subthalamic nucleus deep brain stimulation
Appendix E Microelectrode recording form for globus pallidus interna
Appendix F Microelectrode recording form for ventral intermediate thalamus; Appendix G Intraoperative macrostimulation for clinical effect in Parkinson's disease; Appendix H Intraoperative macrostimulation for clinical effect in tremor disorders; Appendix I Intraoperative macrostimulation for clinical effect on dystonia; Appendix J Intraoperative macrostimulation for clinical effect on tics; Appendix K Intraoperative macrostimulation for clinical effect on dyskinesia; Index

Sommario/riassunto

Thorough understanding of electricity, electronics, biophysics, neurophysiology, and neuroanatomy renders more tractable otherwise complex electrophysiologically-based targeting. The textbook integrates these subjects in a single resource. Ultimately, electrophysiological monitoring required controlling the movement of electrons in electronic circuits. Thus, the textbook begins with fundamental discussions of electrons, the forces moving electrons, and the electrical circuits controlling these forces. The forces that allow recording and analysis also permeate the environment producing interfer
