

1. Record Nr.	UNISALENTO991002682769707536
Autore	Mezzena, Renato
Titolo	Anfibi e rettili del Carso : guida alla Mostra erpetologica permanente del Museo civico di storia naturale di Trieste / Renato Mezzena, Sergio Dolce
Pubbl/distr/stampa	Trieste : Tip. Villaggio del fanciullo, 1978
Descrizione fisica	218 p., 2 folded chart . : ill. ; 24 cm
Altri autori (Persone)	Dolce, Sergioauthor
Disciplina	597.6
Soggetti	Reptiles - Carso Anfibios - Carso
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910821508803321
Autore	Fitzpatrick Dennis
Titolo	Implantable electronic medical devices // Dr. Dennis Fitzpatrick
Pubbl/distr/stampa	San Diego, California : , : Academic Press, , 2015 ©2015
ISBN	0-12-416577-X
Edizione	[1st edition]
Descrizione fisica	1 online resource (194 p.)
Disciplina	617.956
Soggetti	Medical electronics
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	Front Cover; Implantable Electronic Medical Devices; Copyright Page; Contents; Preface; 1 Retinal Implants; 1.1 Introduction; 1.2 The Retina; 1.3 Photoreceptor Cells; 1.4 Bipolar and Ganglion Cells; 1.5 Retinal Implants; 1.6 Microelectrodes; 1.7 Microphotodiodes; 1.8 Argus II Retinal Prosthesis (Second Sight Medical Products); 1.9 Artificial Silicon Retina Implant, Optobionics; 1.10 Alpha-IMS Implant by Retina Implant AG; 1.11 Bionic Vision Australia; 1.12 Boston Retinal Implant Project: Bionic Eye Technologies, Inc. and Visus Technologies, Inc.; Bibliography; 2 Smart Contact Lens 2.1 Introduction 2.2 Measurement of IOP; 2.3 Triggerfish from Sensimed; Bibliography; 3 Phrenic Nerve Stimulation; 3.1 Introduction; 3.2 Atrotech Atrostim Phrenic Nerve Stimulator; 3.3 Avery Biomedical Devices Breathing Pacemaker System; 3.4 Synapse Biomedical Inc. NeuRx Diaphragm Pacing System; Bibliography; 4 Glucose Biosensors; 4.1 Introduction; 4.2 Amperometric Glucose Sensor; 4.2.1 Glucose Detector Based on Measurement of Hydrogen Peroxide; 4.2.2 Glucose Detector Based on Measurement of Oxygen; 4.3 Potentiostat Measurement of Glucose; 4.4 Next Generation of Glucose Sensors 4.5 Implantable Glucose Sensor by GlySens 4.6 Implantable Continuous Glucose Monitoring GlySens; 4.7 GlucoChip PositiveID Corporation and Receptors LLC; Bibliography; 5 Cochlear Implants; 5.1 Introduction; 5.2 Types of Hearing Loss; 5.3 Cochlear Implants; 5.4 Cochlea Electrode Arrays; 5.5 Speech Coding; 5.6 Cochlear Implant Systems; 5.7

Continuous Interleaved Sampling; 5.8 HiRes120; 5.9 Lifestyle™ Cochlear Implant Systems by Advanced Bionics™; 5.10 ClearVoice™; 5.11 n-of-m, Spectral Peak Extraction (SPEAK) and Advanced Combinational Encoder (ACE); 5.12 Nucleus® 6 System, Cochlear 5.13 Dual-Loop AGC 5.14 Fine Structure Processing; 5.15 MAESTRO™ Cochlear Implant System by MED-EL; Bibliography; 6 Pacemakers and Implantable Cardioverter Defibrillators; 6.1 Introduction; 6.2 Types of Pacemakers; 6.3 Revised NASPE/BPEG Generic Code for Antibradycardia Pacing; 6.4 Implantable Cardioverter Defibrillators; 6.5 NASPE/BPEG Defibrillator Code; 6.6 Implantable Cardioverter Design; 6.7 Medtronic Micra Transcatheter Pacing System; 6.8 Medtronic Viva and Evera; 6.9 Sorin Group Kora 100; 6.10 Biotronik; 6.11 St Jude Medical Nanostim™; 6.12 St Jude Unify Quadra™ and Accent™ 6.13 Boston Scientific Ingenio™ and Incepta™ 6.14 Boston Scientific Subcutaneous ICD; Bibliography; 7 Bladder Implants; 7.1 Introduction; 7.2 Detrusor Hyperreflexia; 7.3 Detrusor Areflexia; 7.4 Overactive Bladder Syndrome and Urine Retention; 7.5 Sacral Anterior Root Stimulation; 7.6 Finetech-Brindley Sacral Anterior Root Stimulators, Finetech Medical Ltd.; 7.7 Medtronic InterStim® Therapy; Bibliography; 8 Electrical Stimulation Therapy for Pain Relief and Management; 8.1 Occipital Nerve Stimulation; 8.2 St Jude Medical Implantable Pulse Generators for ONS of the Occipital Nerves 8.3 Boston Scientific Precision Spectra™ SCS System

Sommario/riassunto

Implantable Electronic Medical Devices provides a thorough review of the application of implantable devices, illustrating the techniques currently being used together with overviews of the latest commercially available medical devices. This book provides an overview of the design of medical devices and is a reference on existing medical devices. The book groups devices with similar functionality into distinct chapters, looking at the latest design ideas and techniques in each area, including retinal implants, glucose biosensors, cochlear implants, pacemakers, electrical stimulation therapy
