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Titolo	Botulinum neurotoxin injection manual / / editors, Katharine E. Alter, Nicole A. Wilson
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ISBN	1-61705-209-4
Descrizione fisica	1 online resource (369 p.)
Disciplina	615.7/78
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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 and index.
Nota di contenuto	Cover; Title; Copyright; Contents; Contributors; Preface; Share Botulinum Neurotoxin Injection Manual; Section One: Botulinum Neurotoxin: Basic Science and Reconstitution; Chapter 1: Pharmacology of Botulinum Neurotoxins; Normal Neurotransmitter Release; BoNTs Synthesis and Structure; BoNT Binding/Blocking; BoNT Potency and Dosing; Clinical Implications of BoNT Pharmacology; Antigenicity, Antibody Formation, and Nonresponsiveness to BoNT; Safety; Central Effects of BoNTs; Summary; Chapter 2: Comparison of Botulinum Neurotoxin Products; BoNT Approvals BoNT Products: Antigenicity, Dilution, and DiffusionBoNT Products: Potency and Dose; Converting Units/Dose Among BoNT Products; Summary; Chapter 3: Neurotoxin Storage, Reconstitution, Handling, and Dilution; Serotype B BoNT; Serotype A BoNTs; OnabotulinumtoxinA (Botox®) Reconstitution and Handling; AbobotulinumtoxinA (Dysport®) Reconstitution and Handling; IncobotulinumtoxinA (Xeomin®) Reconstitution and Handling; RimabotulinumtoxinB (Myobloc® in the United States, NeuroBloc® Outside the United States) Reconstitution and Handling; Injection Supplies; Needle Selection Chapter 4: Guidance Techniques for Botulinum Neurotoxin

InjectionsAnatomic Reference Guides, Surface Anatomy, and Palpation Guidance; EMG Guidance; Electrical Stimulation Guidance; B-Mode Ultrasound; Combinations of Techniques; Other Guidance Techniques for BoNT Injections; Summary; Chapter 5: Phenol Nerve Blocks; Why Consider Phenol Neurolysis?; Phenol Mechanism of Action; Muscle Hypertonia; Pattern of Involvement; Injection Technique and Dosing; Musculocutaneous Nerve; Obturator Nerve; Tibial Motor Nerves; Summary; Section Two: Clinical Applications of Botulinum Neurotoxins Part I: Botulinum Neurotoxins for the Treatment of Muscle Overactivity Associated with Focal Dystonia Syndromes and Upper Motor Neuron SyndromesCraniofacial Dystonia; Chapter 6: Benign Essential Blepharospasm; Chapter 7: Botulinum Neurotoxin Therapy for Hemifacial Spasm; Chapter 8: Botulinum Neurotoxin Injections for Oromandibular Dystonias; Illustrations for Craniofacial Dystonia; Cervical Dystonia; Chapter 9: Botulinum Neurotoxin Injections for Cervical Dystonia; Illustrations for Cervical Dystonia; Upper Limb, Lower Limb, and Trunk Dystonia
Chapter 10: Botulinum Neurotoxin for the Treatment of Idiopathic Primary Focal Limb DystoniaChapter 11: Botulinum Neurotoxin for Treatment of Muscle Overactivity Associated with Upper Motor Neuron Syndromes; Chapter 12: Botulinum Neurotoxin for the Treatment of Trunk Dystonia/Camptocormia; Chapter 13: Botulinum Neurotoxin Injections for the Treatment of Tremor; Illustrations for Upper Limb, Lower Limb, and Trunk Dystonia; Part II: Botulinum Neurotoxins for Neurosecretory Disorders; Chapter 14: Botulinum Neurotoxin Therapy for Problematic Sialorrhea; Condition
Chapter 15: Botulinum Neurotoxin Therapy for Hyperhidrosis

Sommario/riassunto

The Essential Guide for Clinicians Who Prescribe and Inject BoNTs. This is a detailed and practical guide to botulinum neurotoxin therapy (BoNT) and the wide range of applications for neurological and pain disorders. A unique reference source for new injectors and experienced clinicians alike, this indispensable manual provides information on dose, dilution, and indications for all four FDA-approved toxins in one handy text. Following a brief review of relevant pharmacology, the book provides product information and comparative distinctions between the four FDA-approved toxins (Botox , Myobloc

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Titolo	Ciba Foundation Symposium [[electronic resource]] : development of the lung / / edited by A.V.S. de Reuck and Ruth Porter
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Descrizione fisica	1 online resource (466 p.)
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Altri autori (Persone)	De ReuckAnthony V. S PorterRuth
Disciplina	600
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Note generali	Proceedings of the Symposium on Development of the Lung, held Nov. 1-3, 1965.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	DEVELOPMENT OF THE LUNG; Contents; Chairman's opening remarks; Gas transport from the external environment to the cell; Discussion; Variation of chemical potential with temperature*; Some implications of the dynamics of gas transfer in water-breathing dogs; Discussion; Evolution between air and water; Discussion; Quantitative aspects of vertebrate gas exchange; Discussion; The embryology of the lung; Discussion; Postnatal growth of the lung and pulmonary gas-exchange capacity; Discussion; A morphological contribution to the development of the human lung: observations in the non-retracted lung General DiscussionThe alveolar lining layer; Discussion; Physiological consequences of the apposition of blood and gas in the lung; Discussion; The alveolar lining layer; Discussion; General Discussion; Comparative properties of the lungs and the placenta: a graphical analysis of placental gas exchange; Discussion; The oxygen supply of the foetus; Discussion; Carriage of oxygen in the blood of the foetus; Discussion; Oxygen consumption of the placenta and foetal membranes in the sheep; Discussion; General Discussion; Carbon