Record Nr. UNINA9910782825303321 Chronic total occlusions [[electronic resource]]: a guide to **Titolo** recanalization / / edited by Ron Waksman, Shigeru Saito Chichester, UK;; Hoboken, NJ,: Wilev-Blackwell. 2009 Pubbl/distr/stampa **ISBN** 1-282-03020-5 9786612030208 1-4443-0803-3 1-4443-0804-1 Descrizione fisica 1 online resource (218 p.) Altri autori (Persone) WaksmanRon SaitoShigeru <1950, Feb. 15-> 616.1/23 Disciplina Soggetti Coronary heart disease Arterial occlusions Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Chronic Total Occlusions A Guide to Recanalization; Contributors: Preface; Foreword; Part I Pathology and Indications: Clinical Trials; 1 The Pathobiology of CTO; 2 Indication and Outcome of PCI for CTO; 3 CTO - Review of Trials; PART II Imaging; 4 CT Angiography: Application in Chronic Total Occlusions; 5 Magnetic Navigation Wire; 6 IVUS-Guided Recanalization of CTO; PART III Wires Technology; 7 Deflecting Tip Wires; 8 ASAHI Wires; 9 Tornus Catheter; 10 Introduction of a New 0.014-inch CiTopTM Guidewire for CTO: Preclinical Safety and Feasibility Studies; 11 Frontrunner CTO Technology PART IV Wires Technique12 Use of Two Wires in the Treatment of CTO: 13 Parallel-Wire Techniques; 14 Wire Control Handling Technique; 15 Subintimal Angioplasty; 16 Re-entry Technique - Pioneer Catheter; 17 Bilateral Approach; 18 Tips and Tricks of the CART Technique; PART V Devices Technology; 19 Radio Frequency; 20 High-Frequency Mechanical Revascularization; 21 Debulking of CTO; 22 Vibrational Angioplasty; 23 Drug-Eluting Stents; 24 Laser for CTO Recanalization; PART VI: Complications; 25 How to Handle Complications; 26 How to

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## Sommario/riassunto

Chronic total occlusions (CTO) are common, and found in approximately one third of patients with significant coronary artery disease who undergo angiography. Over the past 20 years, CTO lesions have represented the most difficult anatomy for treatment - with lower success rates and higher complication rates. Chronic Total Occlusions provides interventionalists insight into the world of CTOs with introductory chapters that describe the pathology and indications of CTOs along with a review of clinical trials. Imaging modalities including CT angiography, magnetic navigation wire, and IVU