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Titolo	Basics of Comprehensive IVUS-Guided PCI // edited by Junko Honye
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ISBN	981-19-5658-8
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (146 pages)
Disciplina	658
Soggetti	Cardiography Cardiology Therapeutics Surgery Radiography, Medical Radiography
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. Response of the Cath Lab Staff -- Chapter 2. How to Use Artifacts for PCI- Chapter 3. Notes on IVUS Catheter Manipulation -- Chapter 4. Comparison between CAG and IVUS findings -- Chapter 5. Perivascular Landmarks and Coronary Orientation for PCI -- Chapter 6. Understand the Dilatation Mechanism of PCI -- Chapter 7. Can IVUS be Used as an Indicator of Ischemia? -- Chapter 8. How to Predict and Prevent Coronary Artery Rupture -- Chapter 9. Coronary Artery Dissection, Hematoma and Bail Out Method -- Chapter 10. Mechanisms of Slow Flow/No Reflow Phenomena and How to Deal With -- Chapter 11. Predicting Side Branch Occlusion and Techniques for Protecting Side Branches -- Chapter 12. IVUS Complications and Troubleshooting -- Chapter 13. IVUS-guided PCI Procedures and Methods -- Chapter 14. Tips for Stentless PCI -- Chapter 15. Evaluation of thrombus and its application to PCI -- Chapter 16. How to Evaluate Distal Vessel of the Culprit Lesion.
Sommario/riassunto	This practical guidebook describes all aspects of the Intravascular Ultrasound (IVUS) for percutaneous coronary intervention (PCI), sharing many tips & tricks for the basic to advanced use of the technology in daily clinical practice. Chapters describe in detail how to interpret

several IVUS findings to apply for PCI strategies, help readers understand the pathogenesis in different cases, as well as the mechanisms of PCI. Practical approaches to performing effective PCI will be discussed with case presentations. Chapters outline many practical topics such as reviewing the IVUS images demonstrating plaque characteristics. Also, a hot topic in stentless PCI, and a special section on the relationship between IVUS measurements and physiological assessments including fractional flow reserve (FFR). Basics of Comprehensive IVUS-Guided PCI is a book to be read by PCI operators, interventional fellows, and staff such as radiology technicians, clinical engineering technicians, and nurses in catheterization laboratories. It also attracts engineers and sales representatives working at medical companies who are curious about IVUS-guided PCI. The authors are experts of IVUS-guided PCI and they will broaden the understanding of the technology to entry level to intermediate operators. This is a translated version of the book originally published in Japanese language. This has been facilitated using machine translation (by the service DeepL.com) followed by authors revising, editing and verifying the translated manuscript.
