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| Titolo | Demystifying Interventional Radiology : A Guide for Medical Students / / edited by Sriharsha Athreya, Mahmood Albahhar |
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| ISBN | 3-031-12023-X |
| Edizione | [2nd ed. 2022.] |
| Descrizione fisica | 1 online resource (232 pages) |
| Collana | Medicine Series |
| Disciplina | 617.05 |
| Soggetti | Radiology Surgery Radiologia intervencionista Estudiants universitaris Medicina Llibres electrònics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | PART I: Introduction -- Interventional Radiology: The Early Days and Innovation -- Basic X-Ray Physics -- Principles of Radiation Safety in Interventional Radiology -- Common Equipment in Interventional Radiology -- Medications Used in Interventional Radiology -- Interventional Radiology Outpatient Clinics -- Structured Reporting in Interventional Radiology -- PART II: Techniques -- Biopsy and Drainage -- Arterial and Venous Access -- Embolization Materials and Principles -- Image-Guided Tumor Ablative Therapies -- PART III: Common Interventional Radiology Procedures -- Thoracic Interventional Radiology -- Gastrointestinal Interventions -- Hepatobiliary and Pancreatic Interventions -- Genitourinary Interventions -- Dialysis Access -- Interventional Radiology in Women's Health -- Musculoskeletal Intervention -- Interventional Oncology -- Peripheral Vascular Intervention. |
| Sommario/riassunto | This book is a concise introduction to the field of interventional radiology (IR), designed to help medical students and residents understand the fundamental concepts related to image-guided |

interventional procedures and determine the appropriate use of imaging modalities in the treatment of various disorders. It covers the history of interventional radiology; radiation safety; equipment; medications; and techniques such as biopsy and drainage, vascular access, embolization, and tumor ablation. The book also describes the indications, patient preparation, post-procedure care, and complications for the most common interventional radiology procedures. This second edition is fully updated throughout with the latest guidelines and recommendations. Specific updates include: the role of IR outpatient clinics and patient-centered care, prostatic artery embolization, Y90 embolization, embolization for joint disease, the role artificial intelligence plays in IR, and a new chapter on structured reporting in IR. Designed for students and trainees, chapters include key points or “tips and tricks” and review questions. This is an ideal guide for medical students and trainees interested in pursuing interventional radiology.
