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Titolo	Demystifying Interventional Radiology : A Guide for Medical Students / / edited by Sriharsha Athreya
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Nota di bibliografia	Includes bibliographical references at the end of each chapters 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: Imaging Modalities, Needles, Wires, Catheters (Angiographic, Drainage), Sheaths and Contrast -- Medications Used in Interventional Radiology -- Interventional Radiology Outpatient Clinics -- Part II: Techniques -- Biopsy and Drainage in Interventional Radiology -- Arterial and Venous Access -- Embolization Materials and Principles -- Image-guided Tumor Ablative Therapies -- Part III: Common Interventional Radiology Procedures -- Thoracic Interventional Radiology -- Gastrointestinal Interventions: Percutaneous Gastrostomy, Gastrojejunostomy, and Gastrointestinal Stenting -- Hepatobiliary and Pancreatic Interventions: Liver Biopsy, Biliary Interventions, and Transarterial Chemoembolization (TACE) -- Genitourinary Interventions: Kidney Biopsy, Percutaneous Nephrostomy Drains, Genitourinary Stenting, Suprapubic Catheterization, and Prostatic Artery Embolization -- Dialysis Access -- Interventional Radiology in Women's Health.-Musculoskeletal Intervention: Facet Joint Injections and Percutaneous Vertebral Augmentation -- Interventional

Radiology and Interventional Oncology -- Peripheral Vascular Intervention.

Sommario/riassunto

This book is a concise introduction to the interventional radiology field and is 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. .