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Altri autori (Persone)	MamourianAlexander C LittHarold I
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Nota di contenuto	History and physics of CT imaging / Alexander C. Mamourian -- Radiation safety and risks / Alexander C. Mamourian and Josef P. Debbins -- CT cardiac imaging / Supratik Moulik and Harold Litt -- Cardiac CT artifacts and pitfalls / Supratik Moulik and Harold Litt -- Neuro CT artifacts / Alex C. Mamourian -- Neuro CT pitfalls / Alex C. Mamourian -- Body CT artifacts / Nicholas Papanicolaou -- Body CT pitfalls / Nicholas Papanicolaou -- Test questions / Alexander C. Mamourian.
Sommario/riassunto	CT imaging has become a mainstay of medical imaging. After 30 years this is a mature technology but the accumulation of innovations over the past decades have given it extraordinary capabilities and new applications continue to emerge. In this book Alex Mamourian uses early CT technology to explain the fundamentals of CT imaging and then builds on that base to explain how innovations such as slip-ring and multidetector arrays allow for rapid, high resolution imaging. This book covers complex applications such as CT cardiac imaging and

dual-source dual-energy CT scanning as well as the pitfalls