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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Principles of nuclear cardiology imaging -- SPECT and PET myocardial perfusion imaging: tracers and techniques -- Hybrid SPECT/CT and PET/CT imaging -- Physiologic and pharmacologic stressors -- Quantitation of myocardial perfusion: absolute blood flow versus relative uptake -- Assessment of cardiac function: first-pass, equilibrium blood pool, and gated myocardial SPECT -- Risk stratification and patient management -- Imaging cardiac metabolism -- Nuclear investigation in heart failure and myocardial viability -- Diagnosis and risk stratification in acute coronary syndromes -- Myocardial innervation -- Integrated structural-molecular imaging of atherosclerosis.
Sommario/riassunto	The newly updated and expanded Atlas of Nuclear Cardiology, Fourth Edition provides physicians and trainees with the most up-to-date information in a rapidly changing field. In addition to beautifully rendered color illustrations, the atlas emphasizes key points with a multitude of diagnostic algorithms and schematic diagrams integrated with nuclear cardiology procedures. Relevant for the clinical practice of nuclear cardiology, each chapter focuses on material of practical merit. The book gives full coverage to areas of cardiac physiology, pathology, and metabolism. The utility of noninvasive cardiovascular nuclear imaging

techniques for diagnosis, screening and evaluation is discussed in the context of various clinical scenarios, including heart failure, acute coronary syndrome, and atherosclerosis. Written by an expert group of researchers and clinicians, the atlas emphasizes today's most current information, providing an invaluable resource and meeting the requirements for those who will be using the book as a reference source for certifying or re-certifying in cardiology, nuclear cardiology, nuclear medicine or radiology.
