

1. Record Nr.	UNINA9910781514303321
Titolo	Nuclear cardiac imaging [[electronic resource]] : principles and applications // edited by Ami E. Iskandrian, Ernest V. Garcia
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2008
ISBN	0-19-063912-1 0-19-939211-0 1-283-42702-8 9786613427021 0-19-971862-8
Edizione	[4th ed.]
Descrizione fisica	1 online resource (749 p.)
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Disciplina	616.1/207575
Soggetti	Heart - Radionuclide imaging
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Contents; Preface; Contributors; 1. A Brief Historical Perspective on Nuclear Cardiology; 2. Radiation Physics and Radiation Safety; 3. Imaging Instrumentation; 4. Kinetics of Myocardial Perfusion SPECT Imaging Radiotracers; 5. Acquisition, Processing, and Quantification of Nuclear Cardiac Images; 6. Quantification of SPECT Myocardial Perfusion Images; 7. Image Artifacts; 8. Myocardial Perfusion Single-Photon Emission Computed Tomography Attenuation Correction; 9. Gated SPECT; 10. Gated Blood Pool SPECT; 11. SPECT/CT and PET/CT Hybrid Imaging and Image Fusion 12. Phase Analysis in Resynchronization Therapy: Old and New 13. Infarct Sizing; 14. Treadmill Exercise Testing; 15. Exercise Myocardial Perfusion Imaging; 16. Pharmacological Stress Testing; 17. Risk Assessment in CAD: Suspected CAD/Known Stable CAD; 18. Risk Assessment in Acute Coronary Syndromes; 19. Risk Assessment before Noncardiac Surgery; 20. Use of Nuclear Techniques in the Assessment of Patients before and after Cardiac Revascularization Procedures; 21. Accuracy of Cardiovascular Imaging for the Assessment of Cardiac Symptoms in Women

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L; M; N; O; P; Q; R; S; T; U; V; W; Y

Sommario/riassunto

Nuclear cardiac imaging refers to cardiac radiological diagnostic techniques performed with the aid of radiopharmaceuticals, which are perfused into the myocardium as markers. These imaging studies pr
