



## Nuclear Cardiology (Paperback)

By Andrew Kelion, Parthiban Arumugam, Nikant Sabharwal

Oxford University Press, United Kingdom, 2017. Paperback. Condition: New. 2nd Revised edition. Language: English . Brand New Book. Readable, practical and concise, Nuclear Cardiology is a self-contained guide to this cardiac imaging subspecialty. Including both technical and clinical aspects, it provides a foundation of essential knowledge common to practitioners from any background. This title covers radiation physics, biology and protection, and addresses all areas of imaging including the design and operation of the gamma camera (including solid-state cameras), single photon emission computed tomography (SPECT) acquisition and processing, and image interpretation and writing of reports. Stress testing and radiopharmaceuticals are explained in detail, as is the evidence-base underpinning myocardial perfusion scintigraphy. Newer radionuclide imaging techniques are well-covered (e.g. phosphate scintigraphy in cardiac amyloidosis), as is the expanding field of cardiac positron emission tomography (PET). Fully updated with coverage of new indications for gamma camera imaging, increased focus on attenuation correction and SPECT-CT and detail on the design use and clinical implications of solid-state gamma cameras throughout, this second edition of the essential text for nuclear cardiology trainees and practitioners is fully illustrated with colour plates to aid clinical practice. Presented in the bestselling Oxford Specialist Handbook format, Nuclear Cardiology provides core...



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