**BSc Cardiovascular Sciences, module 3, imaging section**

**Cardiac Imaging - General Reading**

**Nuclear Medicine in Clinical Diagnosis and Treatment**, Edition 3 –Ell PJ & Ghambir SS

* See volume 2, section 5, several excellent chapters
* 1 copy each at South Kensington, St Marys & Hammersmith libraries

**Clinical Nuclear Cardiology: State of the Art & Future Directions,** 4th Ed 2010 - Zaret and Beller

* 2 copies in the library (1 copy in NHLI and 1 in South Kensington), so either read it there and make good notes or photocopy sections of interest. This textbook is quite advanced, but the section on preoperative risk is particularly good.

**Nuclear Cardiology by Sabhawal, Kelion and Loong -Oxford Specialist Handbooks**

* 2 copies available in NHLI library and 1 in South Kensington. This is a complement to Zaret and Beller’s textbook; easy to read it provides you with the basic principles and applications of nuclear cardiology in current clinical practice

**Cardiac imaging: a companion to Braunwald’s heart disease, by Skorton**

* In 2 volumes, a companion to Braunwald’s diseases of the Heart – good reference text
* One copy each in NHLI & Hammersmith libraries, may have one in South Kensington

**Diagnostic Imaging in Clinical Cardiology** – Joao Lima

* Very clinical, with some chapters barely touching on the imaging side of things. However, worth a browse – may be helpful for "constriction vs restriction"
* 2 copies at NHLI, 2 St Marys, 1 Hammersmith

**Noninvasive Imaging of Myocardial Ischemia** – Anagnostopoulos C, Bax JJ, Nihoyannopoulos P, van der Wall EE, 2006

* 1 copy NHLI, 1 copy South Kensington

**Magnetic resonance imaging of the Heart and Great Vessels**

* Bogaert, Duerinckx, etc. Don’t try to read it all! Good basic physics explanations. Members of teaching staff may be able to help regarding obtaining copies for photocopying, etc.
* 1 copy at NHLI, 1 in South Kensington

**Cardiovascular Magnetic Resonance Made Easy**. 1st Edition 2008 by A Varghese and DJ Pennell

* copies in library –a complement to Bogaert’s textbook and a good reference that facilitates understanding of CMR applications in clinical practice
* 2 copies NHLI, 1 South Kensington

**Journal articles**

* Pennell DJ. Cardiovascular magnetic resonance. Heart 2001;85:581-9
* Assomull RG, Prasad SK. Cardiovascular magnetic resonance in the evaluation of heart failure. Heart 2007;93:985-92
* Mahrholdt H. Cardiovascular MRI for detection of myocardial viability and ischaemia. Heart 2007; 93:122-9
* Achenbach S. Computed Tomography Coronary Angiography. J Am Coll Cardiol 2006; 48: 1919 – 28 –*good review of CT coronary angiography-*
* Ibanez B. Diagnosis of atherosclerosis by imaging. Am J Medicine 2009; 122 (1 Suppl) S15-25
* Mallett S, Halligan S, Thompson M, Collins GS, Altman DG. Interpreting diagnostic accuracy studies for patient care. BMJ 2012; 345: e3999–e3999. doi:10.1136/bmj.e3999.

Also, consider any of the large textbooks of internal medicine or cardiology, in particular:

* Braunwald’s Disease of the Heart
* Harrison’s Textbook of Medicine
* Oxford Textbook of Medicine

These have good review chapters on many important topics, including hibernation, cardiomyopathies, myocardial infarction, valve disease, etc – it is important to have a good understanding of the clinical context for the imaging techniques to make sense!