

Welcome to the latest edition of **C²I²**...

...issue 16 of the thrice-yearly journal for medical imaging professionals worldwide.

Controversies and Controversies in Imaging and Intervention

Encourages debate and informs:

- Computed tomography radiologists
- Interventional cardiologists
- Interventional radiologists
- MRI radiologists
- Radiographers
- Nurses
- Pharmacists
- Practice managers

Clinical updates

This issue addresses several evolving areas of great clinical interest. The first paper focuses on the increasingly important role of multidetector CT (MDCT) in the diagnosis of gastrointestinal bleeding, while the second examines the use of subintimal angioplasty as an alternative to bypass surgery. The next review highlights the advantages of stress MRI as an imaging modality in patients with coronary artery disease. Finally we include a surgical opinion on one of the major controversies in cardiology today, namely the most appropriate management of stenosis of the left main coronary artery.

- **In this issue...** Dr Roy Choudhury and Dr Anthony Nicholson give us a comprehensive and very practical overview of the use of MDCT in the diagnosis and localisation of acute gastrointestinal bleeding, with special emphasis on the lower GI tract. They compare the technique with other diagnostic tools, mention some potential problems and propose a management algorithm that incorporates its use.

- The use of subintimal angioplasty to treat occlusive arterial disease is described by Dr Michael Glasby and colleagues. They explain the methodology and the possible complications based on their extensive experience with the technique, as well as reviewing the outcomes reported in the literature.

- Dr Oliver Strohm and Dr Matthias Friedrich provide some insights into the use of magnetic resonance imaging as a non-invasive technique for the evaluation of patients with known or suspected coronary artery disease. They describe the use of pharmacological stress testing to assess ischaemia and potential of late gadolinium enhancement to evaluate myocardial viability.

- The final paper by Professor David Taggart is the second of two papers debating the relative roles of percutaneous intervention and coronary artery bypass grafting in the management of left main coronary artery disease. It should be read in conjunction with the analysis of the evidence from an interventional cardiologist in the last issue of C2I2.

We hope that you will enjoy reading this issue of C2I2 and that you will find the content useful in your clinical practice.



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