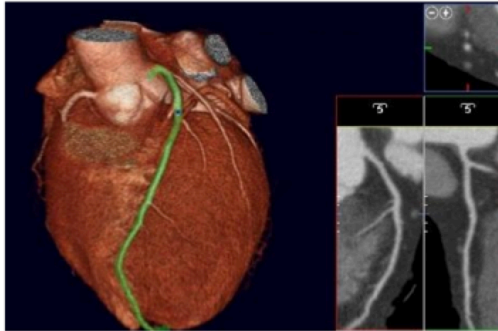
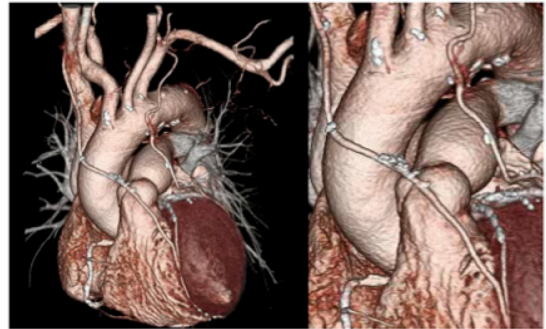


You can add false colour and create 3D anatomical reconstruction to view a more detailed structure of the heart



3D Anatomical Reconstruction



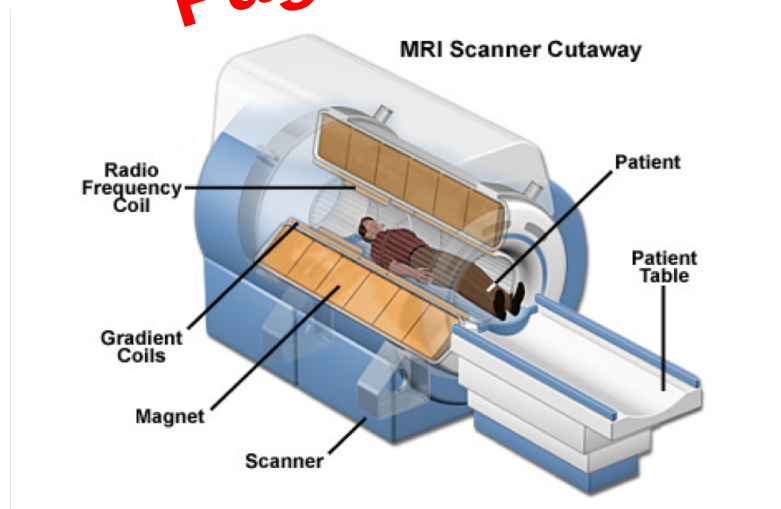
High resolution for smaller coronary artery segments and side branches

CT Cardiac Angiography

- More accurate than any other non-invasive modality
- Excellent diagnostic accuracy
- Limitations:
 - Slow HR (<80) needed (but meds can be given to slow the heart)
 - Difficulty assessing narrowing with severe calcification - contrast is quite dense
 - No functional information
 - Cannot intervene

Cardiac MRI

- Anatomical and functional
- Creates images by decoding radio-frequency signals emitted from the body's hydrogen atoms



- Patients who are dependant upon cardiac pacemakers or those who have metallic foreign objects in the brain or around the eye cannot be scanned with an MRI