Cardiovascular imaging

• CMR: multiparametric image
  – structure, motion & patterns of motion, flow, perfusion, tissue characterisation by study of focal and diffuse contrast-enhancement

• CT: traditionally anatomical image
  – structure, anatomy of the coronary, arteries & branches, stenoses

• Enhanced 3D visualisation of small vessels & cardiac structures in motion

• Plaque quantification and characterisation (calcified, non-calcified, mixed)

• Coronary flow

https://www.qmul.ac.uk/whri/people/academic-staff/items/pugliesefrancesca.html