

**Syllabus: Atherosclerosis Imaging: Current Applications in Clinical Trials**  
**Tuesday 21 April, Chun Yuan, Ph.D.**

This course will cover the foundations of visualization of atherosclerosis by MRI, its current applications, and use in clinical trials, specifically: 1) Introduction of necessary equipment, techniques, and MR protocols for imaging atherosclerosis, 2) Key imaging targets, including tissue components, vessel morphology, and blood flow information that serve as biomarkers for atherosclerotic disease, 3) Current and future applications of MRI for the identification of vulnerable atherosclerotic plaque and 4) Use in single and multi-center clinical trials.

**Key References:**

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