

Radiology

(PhD entrance exam topics)

1. Physical principles of computer tomography, helical CT, multidetector-row CT, CT angiography
2. Technical aspects and indications of cardiological imaging examinations
3. Digital radiography
4. Intravascular radiological interventions
5. Digital subtraction angiography and its clinical applications

Suggested readings:

Adam A & Dixon A K: Diagnostic Radiology 6th ed. (Churchill Livingstone & Elsevier, 2014)