

# Nuclear Radiology: Studying for the Exam

Last verified on October 20, 2017

## Study Guide

The exam consists of four categories. Below is an outline of areas that may be covered.

This is a general outline and is not all-inclusive.

### **Clinical Nuclear Radiology**

1. Cardiovascular system
2. Central nervous system
2. Endocrine and reproductive systems
3. Gastrointestinal system
4. Hepatobiliary system and spleen
5. Musculoskeletal system
6. Pulmonary system
7. Genitourinary system
8. Neoplasms
9. Infection/Inflammation

### **Physics of Nuclear Radiology**

1. Radiation physics and instrumentation
2. Radiation protection
3. Mathematics pertaining to the use and measurement of radioactivity
4. Chemistry of by-product material for medical use
5. Radiation biology
6. NRC-related topics (see [Nuclear Regulatory Commission information](#))