

Policy Statement Regarding Required Comprehensive Radiology Examination

To be eligible for graduation, all students must sit for and pass the Marshall University School of Medicine's in-house comprehensive radiology examination during their fourth year. The purpose of the examination is to demonstrate minimal competency in identifying common radiological modalities (e.g. MRI vs CT), basic anatomy (e.g. identify the spleen on CT scan), and various pathological conditions (e.g. pneumothorax, pneumonia, fractures etc.). Students will be given specific testing times and dates in which to choose to schedule their on-line examination. For more information, contact Jo Ann Raines, Sr. Program Coordinator, raines@marshall.edu (304.691.1733)

EXAMINATION FORMAT

The format will include, but may not be limited to 100 questions, given in an internet based format. Students will be given 120 minutes to complete the examination.

Images used may include, but not be limited to:

- Plain films
- CT
- MRI
- Ultrasound
- Angiography

Examination Institutional Objectives

Institutional Objective

Medical Knowledge- *Students must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral sciences, as well as the application of this knowledge to patient care.*

Exam Objectives

Students must demonstrate a basic understanding of radiographic anatomy.

Students must distinguish between various radiological modalities.

Students must identify a disease process based on review of a patient history, physical exam findings and abnormal films.

Students must evaluate the indications for, and appropriate sequencing of common radiological techniques to determine which would be best used in the management of the patient.

Institutional Objective

Systems-based Practice - *Students will be able to recognize and better understand the role of other health care professionals in the overall care of the patient.*

Exam Objective

Students will understand how different radiological modalities are delivered in the current health care system, and the most appropriate study for various disease states.

Institutional Objective

Interpersonal and Communication Skills - *Students must demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals.*

Exam Objective

Students must effectively communicate with the Office of Medical Education to set up and complete their examination.

Institutional Objective

Professionalism- *Students must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles.*

Exam Objective

Students must use available on-line review resources and independent learning skills to prepare and pass the examination.

Institutional Objective

Patient Care - *Students must demonstrate the ability to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.*

Exam Objective

Students must evaluate disease processes and management of patient's through the various clinical scenarios presented in the examination questions.

ASSESSMENT METHODS

MINIMUM PASSAGE

A minimum of 70% correct is required to pass the examination. Effective with the Class of 2012, a minimum of 75% correct will be required to pass the examination.

COMPLETION DEADLINE

For May graduation, the examination MUST be taken and passed no later than April 1. For December graduates, the examination must be taken and passed no later than November 15. Should the required passage date fall on a weekend or non-working holiday, the examination must be taken and passed by the last working day prior to the deadline date.

REMEDICATION

Any student who is unsuccessful in achieving the minimal passage rate must retake the examination until a passing grade is achieved. Failure to obtain the minimal passage rate will result in delayed graduation. It shall be the student's responsibility to contact the Office of Medical Education (304.691.1733) to retake the examination. Dr. Pete Chirico should be contacted for remediation (304.526.5120)

Suggested Reading/Other Material:

<http://www.learningradiology.com/onequestionquiz/onequestiontoc.htm>

www.learningradiology.com

Students guide: <http://musom.marshall.edu/students/ms4.asp>

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