

AIRP - Radiology-Pathology Correlation(Third Year)

This rotation provides a comprehensive review of radiologic imaging with pathologic correlation through didactic instruction and case seminars. This is supplementary to attendance of monthly Tumor Board at this time at CTCA which is live streamed and monthly radiology department Radiology-Pathology Clinical Correlation conference reviewing biopsies and pathology reports performed since the previous conference.

Patient Care

Goal

Residents must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health. While this is not a direct patient care rotation, it is clear that competence in radiology pathology correlation develops patient care. Residents are expected to:

Knowledge Objectives:

- (1) Learn the principles of radiologic-pathologic correlation.
- (2) Gain an understanding of the clinical and pathologic implications of the radiologic appearances of image interpretation.
- (3) Learn differential diagnoses in various organ systems based on specific imaging features.

Skill Objectives:

- (1) Apply the principles of radiologic-pathologic correlation to the interpretation of radiologic studies.
- (2) Apply an understanding of the clinical and pathologic implications of the radiologic appearances of image interpretation.
- (3) Refine differential diagnoses in various organ systems based on specific imaging features.
- (4) Present useful radiology findings and analysis at the weekly Tumor Board conference.

Behavior and Attitude Objectives:

- (1) Work with the health care team in a professional manner to provide patient centered care, and
- (2) If at AIRP, work with Radiology and Pathology professionals from across the country and the world in a mutually beneficial manner.

Medical Knowledge

Goal

Residents 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. Residents are expected to:

Knowledge Objectives:

- (1) State pathological mechanisms that cause radiological findings.
- (2) Recognize radiological findings and suggest a differential diagnosis of pathological causes.

Skill Objectives:

(1) Present cases at the monthly Radiology-Pathology Clinical Correlation Conference.

Behavior and Attitude Objectives:

(1) Recognize limitations of personal competency and ask for guidance when appropriate.

Practice-Based Learning and Improvement

Goal

Residents must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning. Residents are expected to develop skills and habits to be able to:

Knowledge Objectives:

(1) Assess all modality images for quality and suggest methods of improvement.

Skill Objectives:

(1) Demonstrate independent self-study using various resources including texts, journals, teaching files, and other resources on the internet,
(2) Facilitate the learning of students and other health care professionals, and

Behavior and Attitude Objectives:

(1) Incorporate formative feedback into daily practice, positively responding to constructive criticism, and
(2) Follow-up interesting or difficult cases without prompting and share this information with appropriate faculty and fellow residents.
(3) Know their own limitations at this early stage in training.

Systems Based Practice

Goal

Residents must demonstrate an awareness of, and responsiveness to, the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care. Residents are expected to:

Knowledge Objectives:

(1) Understand how their image interpretation affects patient care.

Skill Objectives:

(1) Observe accurate and timely interpretations to decrease length of hospital and emergency department stay,
(2) Appropriately help to notify the referring clinician if there are urgent or unexpected findings and help document such; and
(3) Observe the cost effective use of time and support personnel.

Behavior and Attitude Objectives:

(1) Begin learning about advocating for quality patient care in a professional manner, particularly concerning imaging utilization issues.

Professionalism

Goal

Residents must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Residents are expected to demonstrate:

Knowledge Objectives:

- (1) Understanding of the need for respect for patient privacy and autonomy, and
- (2) Understanding of their responsibility for the patient and the service, including arriving in the reading room promptly each day, promptly returning to the reading room after conferences, completing the work in a timely fashion, and not leaving at the end of the day until all work is complete. If the resident will be away from a service (for time off, meeting, board review, etc.), this must be arranged in advance with the appropriate faculty and/or fellow.
- (3) Knowing when to request consultation and when to provide consultation to others.

Skill Objectives:

- (1) Sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation, and
- (2) Respect, compassion, integrity, and responsiveness to patient care needs that supersede self-interest.

Interpersonal and Communication Skills

Goal

Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and teaming with patients, their families, and professional associates. Residents are expected to:

Knowledge Objectives:

- (1) Know the importance of accurate, timely, and professional communication.
- (2) Recognize the difference between confidence and overconfidence.

Skill Objectives:

- (1) Produce concise and accurate reports with guidance at this early stage, and
- (2) Communicate effectively with physicians, other health professionals.

Behavior and Attitude Objectives:

- (1) Work effectively as a member of the patient care team.
- (2) Recognize that teamwork requires mutual adjustment and mutual respect.