

COURSE OVERVIEW

The ARIN Imaging Nurse Review Course is a two day course designed to provide an overview of the skills required for the nurse working in the imaging, interventional, and therapeutic environment. This course can also be used to prepare for the radiologic nursing certification exam. It is not designed as a single study tool to prepare for this exam; however, it is a useful resource when used in conjunction with other study materials.

Faculty

Ellen F. Arslan, RN,C, CRN, VA-BC

Currently a Registered Nurse at Advanced Imaging of Port Charlotte, Florida, Ellen earned a Bachelor of Science from Northern Illinois University in 1976 and her Nursing degree in 1981.

Starting her career in radiology in 1996, Ellen brought experience from working in a surgical unit, operating room, telemetry and cath lab. She helped set up and worked in an Interventional vascular lab in the operating room arena, developed a departmental radiology nurse orientation package, wrote an IV package for a previous hospital, and taught in the skills fairs.

A member of ARIN (then ARNA) since 2001, she earned and has maintained her Certified Cardiac/Vascular Nurse certification since 2002, Certified Radiology Nurse since 2002, and Vascular Access Board Certified nurse since 2011. Ellen was active in helping initiate the Greater Tampa Bay Radiologic Nurses Association, serving as Secretary.

As a member of the Certification Prep Course Task Force, Ellen was a co-author for the Imaging Review Course and has been a Master Faculty member since its inception in 2005. Her credits also include being a member of the Orientation Task Force and co-author of the original ARNA Orientation Manual for Radiology Nurses.

She has been a presenter for the Florida Vascular Society Nursing Review, Infusion Nurses Society, ARIN national conventions, and was nationally recognized as Radiology Nurse of the Year in 2008.

Faculty assigned may be changed as necessary by ARIN

COURSE OBJECTIVES

Upon completion of the two day course the participant will be able to:

1. Identify 3 different modalities where biopsies can be done and the advantages and disadvantages of each.
2. Describe at least 3 non-vascular interventional imaging studies including purpose and patient care considerations.
3. Describe 3 common nuclear medicine imaging studies including purpose and patient care considerations.
4. Explain and describe applications of positron emissions tomography imaging for oncology, neurology, and cardiology.
5. Describe at least 3 vascular interventional imaging studies and be able to identify the purpose and patient care considerations for each.
6. Compare the breast imaging techniques of mammography, MRI, ultrasound and breast tomosynthesis including the advantages of each modality.
7. Describe the basic principles of computed tomography (CT), Magnetic Resonance Imaging (MRI), and Ultrasound (US).
8. Identify complications related to contrast media administration including prevention and treatment of each.
9. Identify the nursing care of patients required before, during, and after diagnostic radiology procedures.
10. Describe at least three key principles for maintaining a safe environment throughout all imaging modalities.
11. Define levels of sedation along the continuum, including patients who may be at risk identified through physical assessment and documentation review.
12. Discuss legal and regulatory considerations in the imaging environment.
13. Discuss Radiation therapy including methods of delivery and populations that would benefit from its use.
14. Identify unique safety considerations in the use of Ultrasound contrast.

Course may be cancelled by host for insufficient registrants.

This activity has been approved by the Alabama State Nurses Association for 15 contact hours. Alabama State Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

*Refer to your state nursing board for licensing requirements.

or

This continuing education activity is approved for 15 credit hours by AVIR. An accredited RCEEM by The American Registry of Radiologic Technologists (ARRT).

COURSE AGENDA

DAY 1

7:30 am Introductions and Course Overview
Radiation Safety
Radiation Therapy
Contrast Agents
Break
Allergic Reactions & Extravasations
Diagnostic Imaging
Lunch (1 hour)
Interventional Non Vascular
Break
Computed Tomography/CT
End 4:30 pm Ultrasound/Breast Health

DAY 2

7:30 am Procedural Sedation
MRI
Break
Nuclear Medicine/PET
Lunch (1 hour)
Interventional Radiology Vascular Procedures
Break
Order of Imaging Exams
Professional Issues
Ends 4:30 pm Scenarios, Certification Preparation, Wrap Up

Times and content subject to change

Target Audience: Radiology Nurses, Educators, Clinical Nurse Specialists, Radiologic Technologists, clinicians involved with patients undergoing radiologic or imaging procedures.

