

# STAFF TRAINING SOLUTIONS



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*essentia*education

# STAFF TRAINING SOLUTIONS



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# CUSTOMIZED STAFF TRAINING SOLUTIONS

Work with an ASRT staff training specialist to build an individualized educational program from the more than 800 courses in the ASRT Store. You decide how many credits or courses to include in your program, tailored to your specific staff training needs and budget.

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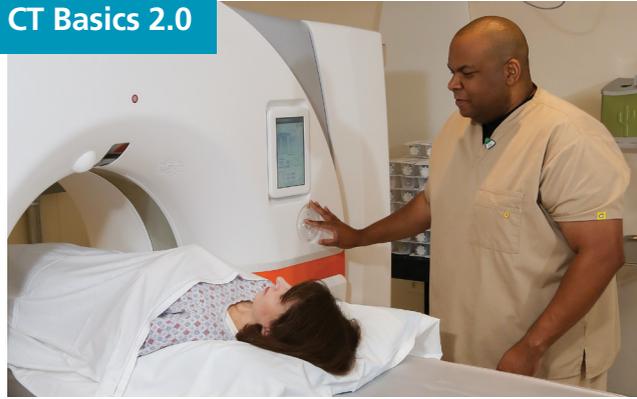
## WHY CONSIDER ASRT STAFF TRAINING SOLUTIONS?

- ✦ A tailor-made program with only the education your staff needs — nothing they don't
- ✦ Quality, convenient online education
- ✦ Easy-to-follow courses
- ✦ Certificates for course completion
- ✦ Personalized service
- ✦ Flexible payment options



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800-444-2778, Ext. 1097  
**EMAIL** | [OnlineCE@asrt.org](mailto:OnlineCE@asrt.org)

## CT Basics 2.0



Prepare your staff for the field of CT, prevent safety incidents and improve patient care with the latest update to our classic CT series. The comprehensive, interactive modules cover a variety of procedures in modern computed tomography as well as all-new radiation safety and patient care content.

[asrt.org/CTBasics](http://asrt.org/CTBasics)

### CT Basics 2.0: The Series 16 Credits

MODULES	CREDITS
Fundamentals	1 A
Principles, Parameters and Display	1 A
Data Acquisition	1 A
Image Processing and Reconstruction	1 A
Image Quality	1 A
Radiation Safety and Dose	1 A
Patient Safety in Computed Tomography	1 A
Patient Care in Computed Tomography	1 A
CT Cross-sectional Anatomy	2 A
CT Procedures	2 A
Additional Procedures	2 A
CT Pathology	2 A+



## CT Procedures

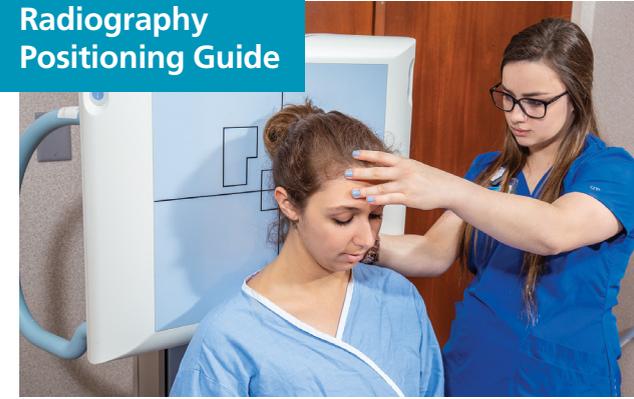


[asrt.org/CTProcedures](http://asrt.org/CTProcedures)

### CT Procedures

MODULES	CREDITS
Biopsies, Drainage, and Transplant Studies	1 A+
Chest and Abdomen Studies	1.75 A
Imaging of the Head	1.25 A
Multiphase Studies	1 A
Myelography, Discography, and Arthrography	1 A+
Vascular Studies	1.5 A+

## Radiography Positioning Guide



Prepare for clinical practice, meet your Continuing Qualifications Requirements needs or just brush up on basic skills with this complete and detailed guide for every common radiography examination. Each module includes detailed information about patient care, examination prep, positioning, technical factors, anatomy of interest and image quality criteria.

*Modules can be purchased individually or as a series.*

[asrt.org/RPG](http://asrt.org/RPG)

### Radiography Positioning Guide: The Series 17 Credits

MODULES	CREDITS
Age-specific Imaging	1 A
Bony Thorax	1 A
Chest and Abdomen	1 A
Distal Lower Extremity	1.5 A
Distal Upper Extremity	1 A
Fluoroscopy: Part 1	1 A
Fluoroscopy: Part 2	1 A
Gastrointestinal Studies	1 A
Mobile Radiography	1 A
Pelvis	1 A
Proximal Lower Extremity	1 A
Proximal Upper Extremity	1 A
Sinuses and Mandible	1 A
Skull and Facial Bones	1 A
Spine	1.5 A
Trauma Radiography	1 A

## Registered Radiologist Assistant Essentials



This series will prepare you for the demanding and technical radiologist assistant work environment. The modules describe many common procedures in detail, including indications and contraindications, preparation, positioning, safety and more.

*Modules can be purchased individually or as a series.*

[asrt.org/RRAEssentials](http://asrt.org/RRAEssentials)

### Registered Radiologist Assistant: The Series 16 Credits

MODULES	CREDITS
Neurological Procedures	1.75 A+
Esophageal Evaluation	1.25 A+
Upper Gastrointestinal Procedures	1.5 A+
Bowel Exams	1.25 A+
Pulmonary Studies	0.5 A+
Drainage Procedures	1.5 A+
Diagnostic Urography	2.75 A+
Therapeutic Fluid Removal	1.5 A+
Injections and Biopsies	1.75 A+
Non-oral Contrast Studies	2.25 A+

#### **Bonus Module With Series Purchase**

Peripheral Insertion of Central Venous Catheter (PICC) Placement

*Not for CE Credit*

## Safe MRI Practices



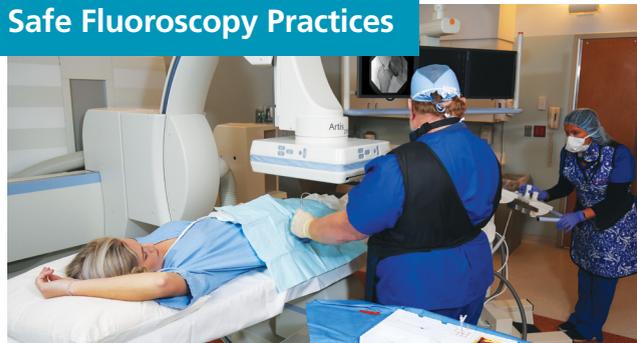
- Explains safety factors in magnetic resonance imaging, including safety principles, patient screening and emergency management
- Illustrates screening criteria, positioning and acoustic damage prevention
- Offers techniques for managing claustrophobic patients

## Safe CT Practices



- Explains safety factors in computed tomography, including technical factor selection, positioning and shielding
- Covers protocols, venipuncture, contrast administration, emergency procedures and pediatric patients
- Describes the importance of the Image Gently and Image Wisely campaigns

## Safe Fluoroscopy Practices



- Covers fluoroscopic imaging safety, safe operation of equipment and techniques to ensure image quality
- Explains radiation dose optimization techniques for adult and pediatric patients
- Identifies the purposes of the Image Gently and Image Wisely campaigns and available resources for fluoroscopic procedures

These online courses are designed to meet requirements established by The Joint Commission.  
For individual use only, not for CE credit.

<b>Member Price: \$0</b>	Retail Price: \$15	INSTITUTIONAL VERSION*	<b>Member Price: \$200</b>	Retail Price: \$250
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**SAVE 20%**  
With Combo Packs  
[asrt.org/Compliance](http://asrt.org/Compliance)

### Safe CT, MRI and Fluoroscopy Practices Combo Pack

<b>Member Price: \$0</b>	Retail Price: \$36	INSTITUTIONAL VERSION*	<b>Member Price: \$480</b>	Retail Price: \$600
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### Safe CT and MRI Practices Combo Pack

<b>Member Price: \$0</b>	Retail Price: \$24	INSTITUTIONAL VERSION*	<b>Member Price: \$320</b>	Retail Price: \$400
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## Imaging Assistant — General



Create an accessible pathway into the medical imaging profession. This bundle covers the fundamentals of patient care, safety and communication. Participants will understand health care environments, imaging assistant responsibilities and professionalism.

Modules can be purchased individually or as a series.

[asrt.org/ImagingAssistantGeneral](http://asrt.org/ImagingAssistantGeneral)

### IA — General: Bundle

**16 Credits**

MODULES	CREDITS
Introduction to Imaging Assistant General and the Healthcare Team	1 A
Professionalism and Communication in Patient Care	1 A
Patient-Imaging Assistant General Interactions	1 A
Safety, Body Mechanics, and Patient Transfer	1 A
Evaluating Physical Needs and Vital Signs	1 A
Infection Control in Healthcare Settings	1 A
Responding to Medical Emergencies	1 A
Understanding Medical Devices: Tubes and Catheters	1 A
Cultural Humility in Healthcare	1 A
Structure of Medical Imaging and Radiation Therapy Professions	1 A
Understanding Healthcare Environments	1 A
Ethics, Legal Responsibilities and Patient Consent	1 A
Medical Terminology and Communication	1 A
Human Anatomy, Body Systems and Physiology	1 A
The Biological Effects of Radiation	1 A
Magnetic Resonance Imaging (MRI) Safety	1 A

## Imaging Assistant — Magnetic Resonance

Ensure quality patient care and promote professionalism. These courses teach the essentials of patient interactions, safety in the MR environment and emergency response. Participants will be able to aid with positioning, anatomical landmarking and MR contrast injection.

Modules can be purchased individually or as a series.

[asrt.org/ImagingAssistantMR](http://asrt.org/ImagingAssistantMR)

### IA — Magnetic Resonance: Bundle

**24 Credits**

MODULES	CREDITS
MR Basics 1 — Fundamentals	1 A
MR Basics 2 — Equipment and Instrumentation	1 A
MR Basics 3 — Radiofrequency and Gradients	1 A
MR Basics 5 — Contrast Media	1 A
MR Basics 7 — Safety Essentials	1 A
Cross-Sectional Anatomy Module 1: Introduction to Sectional Anatomy	1 A

### ASRT Live® Recorded

Venipuncture Techniques, Safety and Tricks of the Trade	1 A
Vital Signs for the Radiologic Technologist	1 A
Medicolegal Aspects and Ethics in Medical Imaging	1 A
Cultivating Interpersonal Communication in Medical Imaging	1 A
Infection Control and Health Care Worker Safety	1 A
Patient Care, Safety and Screening in MRI	1 A
Care of Patients with Medical Equipment: Catheters, Chest Tubes, Central Lines and More!	1 A
MR Safety — Implanted Devices	1 A
Labels and Literacy for MR Safety	1 A
PACS, RIS, and Informatics	1 A
MR Safety Issues	1 A
Contrast Media in Medical Imaging	1 A
Medical Emergencies in the Imaging Department	1 A
MRI Safety — The Physical Environment	1 A
MRI Safety: Static Magnetic Field Concerns	1 A
MRI Safety: The Gradients	1 A
A New Approach for Understanding Safety in MR Environments	1 A
Body Mechanics, Patient Assistance and Monitoring	1 A

\*For unlimited institutional use, provided on CD. Can be uploaded to most learning management systems, installed on computers directly or saved to a private server for your employees. Includes test bank and certificate of completion template.

## Fluoroscopy



This fluoroscopy series covers radiation protection, regulation and image quality for fixed and mobile fluoroscopy units. Each article is presented as a PDF so it can be easily printed or read on an electronic device.

Modules can be purchased individually or as a series.

[asrt.org/Fluoroscopy](http://asrt.org/Fluoroscopy)

Fluoroscopy: The Series	12.75 Credits
MODULES	CREDITS
Radiation Protection and Safety	2.75 A+
Operation and Safety of Fixed Fluoroscopy Units	1.5 A+
Regulation and Radiation Protection	1.5 A+
Mobile Unit Operation and Safety	2.5 A+
Radiation Protection of the Eye	3 A+
Image Quality and Analysis	1.5 A+

## Limited Technologist (LXMO)



Train an entry-level limited x-ray machine operator. The bundle covers radiography fundamentals and prepares individuals to join the medical imaging profession.

Modules can be purchased individually or as a series.

[asrt.org/LimitedTechnologist](http://asrt.org/LimitedTechnologist)

### Limited Technologist (LXMO): Bundle 24 Credits

MODULES	CREDITS
Best Practices in Digital Radiography for Imaging Professionals	4 A
Biological Effects of Radiation Exposure	1.5 A
Work-related Musculoskeletal Disorders: The Importance of Proper Ergonomics	1.25 A
<b>ASRT Live® Recorded</b>	
Medical Ethics for Imaging Professionals	1 A
Cultivating Interpersonal Communication in Medical Imaging	1 A
Infection Control and Health Care Worker Safety	1 A
Important Radiation Biology Concepts for Radiologic Technologists	2 A
What is NCRP?	1.25 A
Digital Radiography Techniques	1 A
Digital Image Post-Processing Techniques	1 A
Improper Chest Positioning and Its Impact Upon Interpretation	1 A

### Radiography Positioning Guide

Chest and Abdomen	1 A
Proximal Upper Extremity	1 A
Distal Upper Extremity	1 A
Proximal Lower Extremity	1 A
Distal Lower Extremity	1.5 A
Skull and Facial Bones	1 A
Spine	1.5 A

## Vascular-Interventional Essentials



This series will prepare you for the fast-paced world of interventional radiology. Equipment, patient care and pharmacology cover the fundamentals. Then we fill in the gaps with detailed procedural breakdowns.

Modules can be purchased individually or as a series.

[asrt.org/VascularInterventional](http://asrt.org/VascularInterventional)

### Vascular-Interventional: The Series 20 Credits

MODULES	CREDITS
Fundamentals	2 A
Part 1 — Basic Equipment and Instrumentation	1 A
Part 2 — Therapeutic Equipment and Instrumentation	1.5 A
Patient Care	2.25 A
Part 1 — Pharmacology Basics	1 A+
Part 2 — Interventional Pharmacology	1.5 A+
Venous Access Procedures	1.25 A+
Dialysis Management	1.75 A+
Neurologic Procedures	1 A+
Thoracic Procedures	1.5 A+
Abdominal Arterial Procedures	1.25 A+
Abdominal Venous Procedures	1.25 A+
GI and GU Nonvascular Procedures	1.25 A+
Peripheral Vascular Procedures	1.5 A+



## Cardiac-Interventional



The courses included in this bundle cover pharmacology, contrast media and fluoroscopy. Laboratory values, intravascular ultrasound and medication safety also are discussed.

Modules can be purchased individually or as a series.

[asrt.org/CardiacInterventional](http://asrt.org/CardiacInterventional)

### Cardiac-Interventional: Bundle 16 Credits

MODULES	CREDITS
Introduction to Cardiac Catheterization	1.25 A+
Conduction System Studies	1 A+
Arrhythmia Ablation Procedures	2 A+
Device Implantation	2 A+
Right Heart Hemodynamics and Calculations	1 A+
Percutaneous Coronary Intervention	1.5 A+
Intracardiac Imaging Studies	1 A+
Mechanical Devices and Coronary Artery Excision	1.25 A+
Percutaneous Cardiac Valve Interventions	1.5 A+
Intracardiac Devices, Fluid Removal and Biopsy Procedures	1.75 A+
Vascular-Interventional Essentials	0.75 A
Module 2: Part 1: Basic Equipment and Instrumentation	
Vascular-Interventional Essentials	1 A+
Module 4: Part 1: Pharmacology Basics	



## MR Basics



This series provides a broad overview of MR history, equipment and techniques. Detailed physics, applications and methods to improve image quality are included. MR-specific pathology is also discussed.

[asrt.org/MRBasics](https://asrt.org/MRBasics)

MR Basics: The Series	16 Credits
MODULES	CREDITS
Fundamentals	1 A
Equipment and Instrumentation	1 A
Radiofrequency and Gradients	1 A
Image Production Parameters	1.5 A
Contrast Media	1 A
Pulse Sequences	1.5 A
Safety Essentials	1 A
Image Quality	1 A
Neuroimaging	2 A
Body and Joint Imaging	2 A
Pathology Part 1	1.5 A+
Pathology Part 2	1.5 A+

## MR Procedures



[asrt.org/MRProcedures](https://asrt.org/MRProcedures)

### MR Procedures

MODULES	CREDITS
Abdominal Studies	1 A
Imaging of the Head	1.25 A
Imaging of the Spine and Thorax	1 A
Musculoskeletal Imaging: Digits and Joints	1 A
Neurological Studies	1.25 A+

## Cross-Sectional Anatomy



This series is a detailed examination of human anatomy, organized by body region. Developed by radiology professionals, this series provides an immersive view of anatomy using various imaging modalities.

[asrt.org/Cross-SectionalAnatomy](https://asrt.org/Cross-SectionalAnatomy)

Cross-Sectional Anatomy: The Series	10 Credits
MODULES	CREDITS
Introduction to Sectional Anatomy	1 A
The Cranium and Facial Bones	1 A
The Brain	1.25 A
The Spine	1 A
The Neck	1 A
The Thorax	1.25 A
The Abdomen	1.25 A
The Pelvis	1.25 A
The Extremities	1 A

## Patient Care



These courses focus on providing high-quality, comprehensive patient care. Gain skills while uncovering challenges you may face interacting with and providing the best possible care for all your patients.

[asrt.org/PatientCare](https://asrt.org/PatientCare)

Individual Courses	Credits
MODULES	CREDITS
<b>ASRT Live® Recorded</b>	
Leading with Emotional Intelligence	1 A
Radiate Compassion: Enhancing Patient-Centered Care in Medical Imaging	1 A
Imaging Informatics' Impact on Patient Care Across the Modalities	1 A
Working with Patients with Disabilities	1 A
Trauma-Informed Care and Communication	1 A
Providing Individualized Care for Patients on the Spectrum	1 A



Essentials of Digital Imaging



Engaging animations, videos and a collection of images reveal the dynamics of producing, analyzing and storing digital images in the real-world work environment of today.

Modules can be purchased individually or as a series.

[asrt.org/DigitalImaging](http://asrt.org/DigitalImaging)

**Essentials of Digital Imaging: The Series 7 Credits**

MODULES	CREDITS
Fundamentals	1.5 A
Processing	1 A
Display	0.5 A
Image Analysis	1 A
PACS	1 A
Dose Reduction and Patient Safety	1 A
Quality	1 A

Safety Essentials



This series focuses on quality patient care and the prevention of medical errors as outlined in the Joint Commission patient safety performance requirements.

Modules can be purchased individually or as a series.

[asrt.org/SafetyEssentials](http://asrt.org/SafetyEssentials)

**Safety Essentials: The Series 14 Credits**

MODULES	CREDITS
Introduction to Health Care Safety	1.5 A
Workplace Safety	1.5 A
Risk Management	1.5 A+
Patient Transfer and Transport	1.5 A
Patient Fall Prevention	1 A
Infection Control Practices	1.5 A
Medication Safety	1.5 A+
Wrong Site, Wrong Procedure, and Wrong Person	1 A+
Sentinel Event Policy and Prevention	1.5 A+
Radiation Protection	1.5 A

Leadership Essentials



Achieve high performance in health care by identifying key strategies for individual achievement and organizational success in any health care leadership position.

Modules can be purchased individually or as a series.

[asrt.org/Leadership](http://asrt.org/Leadership)

**Leadership Essentials: The Series 11 Credits**

MODULES	CREDITS
Introduction to Supervision	1 A
Competent Communication	1 A
Employment Law	1.5 A+
Performance Coaching	1 A+
Quality Standards	1 A
Accreditation and Regulations	1 A+
Budgeting and Finance	1 A+
Project Management	1.5 A+
Leadership Skills	1 A
Health Economics	1 A

Clinical Instructor Academy



This six-part video program is designed to meet the Joint Review Committee on Education in Radiologic Technology standards for radiography clinical instructors and radiation therapy clinical supervisors.

Modules can be purchased individually or as a series.

[asrt.org/CIA](http://asrt.org/CIA)

**Clinical Instructor Academy: The Series 8 Credits**

MODULES	CREDITS
Transitioning From Staff Technologist to Clinical Instructor	1 A
Are We Participating in Education or Training?	1.5 A
The Clinical Instructor as Facilitator of Learning	1 A
Assessment of Clinical Performance	1.5 A
Remediation: An Art and Science	1.5 A
Record Keeping, Confidentiality and Legal Responsibilities	1.5 A

## Breast Imaging Essentials



Advance your skills in breast imaging with this easy-to-follow program that describes the technology and techniques required to provide quality patient care and produce detailed images.

Modules can be purchased individually or as a series.

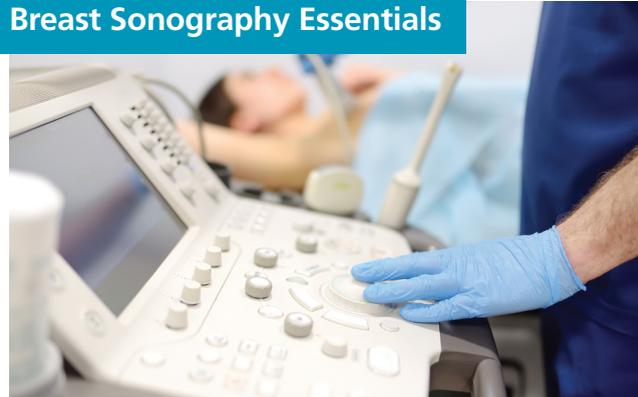
[asrt.org/BreastImaging](http://asrt.org/BreastImaging)

### Breast Imaging Essentials: The Series 16 Credits

MODULES	CREDITS
Fundamentals of Breast Imaging	1.5 A
Digital Equipment and Image Production	1.5 A
Digital Image Evaluation	1.25 A
Breast Anatomy	0.75 A
Pathology	1.75 A+
Digital Quality Control and Regulations	2 A
Patient Care	1.75 A
Digital Procedures and Techniques	2.25 A
Breast Ultrasound	2 A
Digital Breast Tomosynthesis	1.25 A



## Breast Sonography Essentials



This 13-module bundle covers patient interaction, basic principles of ultrasound, image formation, evaluation of images, anatomy, pathology and breast interventions.

Modules can be purchased individually or as a series.

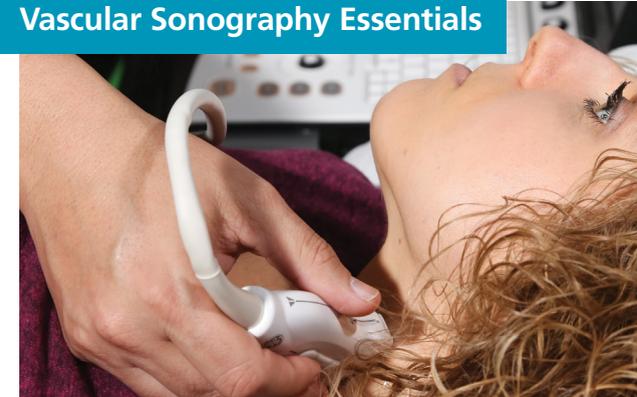
[asrt.org/BreastSonography](http://asrt.org/BreastSonography)

### Breast Sonography Essentials: Bundle 21 Credits

MODULES	CREDITS
Patient Interactions and Management	2 A
Patient Interactions and Management Pt. 2	2.5 A
Patient Interactions and Management Pt. 3	1.5 A
Basic Principles of Ultrasound	2 A
Basic Principles of Ultrasound Pt. 2	2 A
Image Formation	1.5 A
Image Formation Pt. 2	1 A
Evaluation and Selection of Representative Images	1.75 A
Evaluation and Selection of Representative Images Pt. 2	2 A
Breast Anatomy and Physiology	1 A
Benign Conditions and Sonographic Features	1 A
High Risk and Malignant Conditions and Sonographic Features	1.75 A
Breast Examinations	1 A



## Vascular Sonography Essentials



This bundle covers abdominal/pelvic and arterial procedures, image formation, extracranial and venous procedures, patient management and interactions, evaluation of images, and basic principles of ultrasound.

Modules can be purchased individually or as a series.

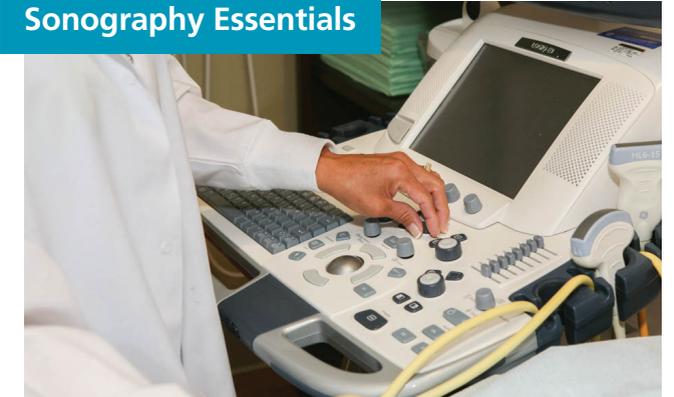
[asrt.org/VascularSonography](http://asrt.org/VascularSonography)

### Vascular Sonography Essentials: Bundle 17 Credits

MODULES	CREDITS
Abdominal Vasculature	2.5 A
Female Pelvic Vasculature	1 A
Male Pelvic Vasculature	1.5 A
Arterial Peripheral Vasculature	1.5 A
Venous Peripheral Vasculature	2 A
Extracranial Cerebral Vasculature	1.5 A
Vascular Sonographic Procedures	2 A
Basic Principles of Ultrasound	1 A
Producing the Diagnostic Image and Optimizing Resolution	1.5 A
Patient Monitoring and Safety	1.5 A
Evaluation and Selection of Representative Images	1 A



## Sonography Essentials



This bundle covers the skills of patient interaction and safety, basic principles and image formation. Train staff in obstetrics, gynecology, superficial structures and more!

Modules can be purchased individually or as a series.

[asrt.org/Sonography](http://asrt.org/Sonography)

### Sonography Essentials: Bundle 24 Credits

MODULES	CREDITS
Patient Interactions and Management, Infection Control and Medical Emergencies	2 A
Patient Monitoring and Safety	1.5 A
Basic Principles of Ultrasound	1 A
Transducers and the Acoustic Beam	1.5 A
Producing the Diagnostic Image and Optimizing Resolution	1.5 A
Evaluation and Selection of Representative Images	1 A
Doppler Imaging	1.5 A
Abdomen	1.5 A
First Trimester Obstetrics	1 A
Second and Third Trimester Obstetrics	2 A
Second and Third Trimester Obstetrical Abnormalities	2.5 A
Gynecology	1 A
Peripheral Vascular and Superficial Structures	2.5 A
Pediatric Procedures	2.5 A
Interventional Procedures	1 A



## Nuclear Medicine



The comprehensive bundle covers patient care, safety and image production. Participants will learn radionuclide, radiopharmaceuticals, cardiac, endocrine, oncology, gastrointestinal and other imaging procedures.

Modules can be purchased individually or as a series.

[asrt.org/NuclearMedicine](http://asrt.org/NuclearMedicine)

### Nuclear Medicine Exam Prep Study Guide: Bundle **44.75 Credits**

**MODULES** **CREDITS**

#### Patient Care

##### Patient Interactions and Management

###### ASRT Live® Recorded

Cultivating Interpersonal Communication in Medical Imaging	1 A
Vital Signs for the Radiologic Technologist	1 A
Infection Control and Health Care Worker Safety	1 A
Legal and Ethical Principles in Health Care	1 A
Educating your Patients in the Nuclear Medicine Department	1 A

## Safety

### Radiation Physics, Radiobiology and Regulations

#### ASRT Live® Recorded

Decay of Radioactivity	1 A
A Review of Radiation Physics and Radiobiology	1 A
Radiation Protection and Dose Reduction Strategies	1 A
Basic Concepts of Radiation Protection in Nuclear Medicine	1.25 A
Basic Concepts of Radioactive Materials: Handling, Storage, and Disposal	1.25 A
Foundations of Radiation, Occupational Dose, Radioactive Decay, and Electromagnetic Properties	1 A
Radiation Monitoring for Nuclear Medicine Facilities	1 A

## Image Production

### Instrumentation

#### ASRT Live® Recorded

Gamma Camera Functionality — Crystal and PMTs	1 A
Gamma Camera Functionality — PMTs, Spectrometers, and CRTs	1 A
Positron Emission Tomography (PET) Detector Operation	1 A
Quality Control of a Planar Gamma Camera	1 A
SPECT Camera Function and Image Acquisition	1 A
Analysis of the Gas Detector Curve	1 A
Dose Calibrator Quality Control	1 A
Quality Control on an Uptake Probe	1 A
Use of Collimators in Nuclear Medicine	1 A
Operation of a Geiger Mueller Detector	1 A

## Procedures

### Radionuclide and Radiopharmaceuticals

#### ASRT Live® Recorded

Proper Dose Calculations for Pharmaceuticals and Radiopharmaceuticals in Nuclear Medicine	1 A
Radiopharmaceutical Production and Characteristics	1 A
Radio-Iodinated Plasma Volume	1 A
Venipuncture Techniques, Safety and Tricks of the Trade	1 A
Nuclear Medicine Red Blood Cell Procedures	1 A

### Cardiac Procedures

#### ASRT Live® Recorded

General Nuclear Medicine Procedures	1 A
Nuclear Cardiology: Myocardial Perfusion and MUGA	1 A

### Endocrine and Oncology Procedures

#### ASRT Live® Recorded

Nuclear Medicine: Abscess and Tumor Imaging Using Ga-67	1 A
Radionuclide Therapy for the Treatment of Hyperthyroidism, Thyroid Carcinoma and Bone Metastasis	1.25 A
Biomedical Research with Molecular Imaging	1 A
Indium-111 in Nuclear Medicine	1 A
Precision Cancer Therapy Using Theranostics	1 A
The Thymus and Less Commonly Talked About Structures of the Neck and Chest	1 A
Radioimmunotherapy (RIT) in Nuclear Medicine	1 A

### Gastrointestinal and GU Procedures

#### ASRT Live® Recorded

Nuclear Medicine Liver/Spleen Imaging	1.5 A
Nuclear Medicine: Gastrointestinal Bleed Imaging, Methodologies, and Techniques	1.5 A
Nuclear Medicine Gastric Emptying: Solid and Liquid Studies	1 A
Nuclear Medicine Hepatobiliary/Gallbladder (HIDA) Scanning	1 A
Nuclear Medicine Renal Imaging	1 A

### Other Imaging Procedures

#### ASRT Live® Recorded

Skeletal Imaging: Nuclear Medicine Bone Scans	1 A
Nuclear Medicine Lung Imaging	1 A

## Bone Densitometry Basics



This bundle of ASRT educational products fulfills structured education requirements for bone densitometry. The products included in the bundle cover bone health and pathology, DXA scanning procedures and scanning safety considerations. Patient education and patient-centered care also are discussed.

[asrt.org/BoneDensitometry](http://asrt.org/BoneDensitometry)

### Bone Densitometry Basics: The Series **16 Credits**

MODULES	CREDITS
Fundamentals	1.5 A
Osteology	1 A
Pathology	1.5 A
Treatment and Prevention	1.25 A+
Equipment	.75 A
Scanning Preparation and Safety	1.5 A
Pediatric Skeletal Health Assessment	1.5 A
Essentials of FRAX	.25 A
Essentials of VFA	.5 A
DXA Scanning of the Lumbar Spine	1.5 A
DXA Scanning of the Proximal Femur	1 A
DXA Scanning of the Forearm	1.25 A
DXA Scanning of the Whole Body and Body Composition	1.25 A
Precision Studies, Serial Scanning, and QC	1.25 A



# Radiation Therapy and Medical Dosimetry

## Image-guided Radiation Therapy



Improve patient outcomes by learning which technologies work well with specific anatomy. Each article is presented as a PDF so it can be easily printed or read on an electronic device.

Modules can be purchased individually or as a series.

[asrt.org/IGRT](http://asrt.org/IGRT)

**Image-guided Radiation Therapy: The Series** **17 Credits**  
**18 MDCB Credits**

MODULES	CREDITS
Overview	3 A+ / MDCB
Computed Tomography	2 A+ / MDCB
Ultrasonography	2 A+ / MDCB
Portal Imaging	2.5 A+ / MDCB
Fiducials and Transponders	1.5 A+ / 2 MDCB
Surface Tracking	1.5 A+ / MDCB
Intrafraction Monitoring	2 A+ / 2.5 MDCB
Respiratory Gating	2.5 A+ / MDCB

## Proton Therapy



The proton therapy modules cover the benefits and characteristics of proton therapy and the essentials of proton therapy equipment. These modules explain proton physics concepts, patient care concerns and the unique nature of proton therapy treatment planning.

[asrt.org/ProtonTherapy](http://asrt.org/ProtonTherapy)

**Proton Therapy** **3 Credits**

**MODULES** **CREDITS**

Module 1: Physics and Equipment	1.5 A / MDCB
Module 2: Radiobiology and Treatment	1.5 A / MDCB

## CT Simulation for Radiation Therapy

This course will help you gain the practical knowledge you need to adhere to safety and quality standards.

[asrt.org/CTSim](http://asrt.org/CTSim)

**CT Simulation for Radiation Therapy** **1.5 A / MDCB Credits**



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