

This Exam Outline was developed to help you prepare for the knowledge exam.

This Exam Outline is not meant to cover all aspects of the knowledge exam, but to guide your preparation for questions that may occur in the knowledge exam.

Review:

- Automatic pressure injector techniques and safety precautions
- Digital subtraction Angiography techniques, indications
- Pulmonary emboli identification, treatment, devices
- Angiogram techniques, vessels, location
- Percutaneous transhepatic cholangiography techniques, complications
- Blood clot prevention, medications
- Vascular access devices, uses
- Symptomatic uterine fibroid identification, treatment
- Seldinger technique
- Types of stents, identification, implantation, uses, complications, size determination
- Definitions
 - Endovascular aneurysm repair and stent location
- Types of contrast, uses, complications
- Types of angiographic catheters, identification, uses
- Types of projections to display specific entities
- Artery and vein anatomy
- Clinical devices
 - Doppler
 - Micropuncture kit
 - Surface ultrasonography
 - Vertebroplasty/kyphoplasty
 - Basket
- Sheath French sizes
- Commonly used medications, indications, contraindications, side effects, complications
- Dialysis grafts, recognition, indications, complications
- Inferior vena cava filters recognition, indications, complications, placement
- Percutaneous nephrostomy access
- Thrombolysis techniques, indications, contraindications, complications
- Risk factors for retroperitoneal bleeds