Austin Radiological Association
Interventional Fluoro Procedure
Upper Extremity Venogram

Overview

• Assesses blockage, lesions, or thrombosis in the veins of the arms, neck, and axillary region.

• The use of fluoroscopic systems for interventional purposes is restricted to radiologists and individuals to whom a physician has delegated authority pursuant to the Occupations Code, Chapter 601, and the applicable rules of the Texas Medical Board.

Indications

• Evaluate for blockage

• Evaluate for lesions

• Evaluate for thrombosis

Examination Time

• 30 minutes

Patient Preparation

• Obtain informed consent

• Question for allergies

Equipment

• Siemens C-arm

• Omnipaque 300

• Syringes
• IV extension tubing

Patient Position & Imaging Field
• Supine

Acquisition Protocol - Routine Study
• Radiologist performs fluoroscopy and acquires images
• Technologist injects contrast as instructed by Radiologist

Data Processing
• Technologist will send images taken to PACS (Picture Archiving and Communication System).
• Technologist will enter exposure time in the appropriate field of RIS (Radiology Information System).
• Technologist will enter DAP (Dose Area Product) and SEE (Skin Entrance Exposure) into the technologist notes field of the RIS.

Radiation Exposure levels
• Recommended operator guidance reference level for this fluoroscopically-guided interventional procedure is 60 minutes beam-on time. Threshold reference level is a SEE of 5 Gy (Gray).
• Radiation Exposure levels are monitored through the Austin Radiological Association’s monthly technologist QA process.
• If the reference level is exceeded, further analysis will be performed by the Protocol Committee and appropriate action taken to include possible patient follow-up.

Protocol Review
• Not to exceed 14 months.