

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

Review:

- Complete and legal documentation including error recognition and management
- Cardiac anatomy and physiology
 - Layers of heart wall
 - Intrinsic cardiac pacemakers
 - Ejection fractions
 - Normal measurements of chambers, septums, myocardial walls
 - Flow velocity
 - Cardiac cycle
- Images visualized utilizing specific approaches
- ECHO modalities and diagnostic indications
 - Frequencies used
 - Axis
 - Approaches
- Indications for:
 - Chest radiograph
 - Nuclear Medicine Imaging
 - Transesophageal echocardiogram
- Infection prevention techniques
- Cardiac abnormalities and their influence on cardiac pressures
- Depolarization, repolarization
- EKG components of the EKG e.g. PR, QRS
- Unique patient identifiers
- Allergic reaction recognition, management, treatment
 - Common causes of allergic reactions
- Types of cardiomyopathy