

Echo-Vascular Technician Skills Checklist

Instructions

- 1 - No Experience (Instruction only, no hands on experience.)
- 2 - Minimal Experience (Have experience but has performed procedure infrequently. Minimal assistance needed.)
- 3 - Experienced (Competent to perform the procedure, task, or skill independently.)
- 4 - Proficient (Able to demonstrate, perform the task or skill proficiently without any assistance.)

| Technique | Experience |
|---|------------|
| Use od Contrast Agents | ① ② ③ ④ |
| IV Insertion | ① ② ③ ④ |
| IV Maintenance | ① ② ③ ④ |
| Setup Errors | ① ② ③ ④ |
| Technical Artifact | ① ② ③ ④ |
| Echocardiography | Experience |
| M-Mode | ① ② ③ ④ |
| Color Flow | ① ② ③ ④ |
| Real Time | ① ② ③ ④ |
| Stress Echo | ① ② ③ ④ |
| Pediatric Echocardiogram | ① ② ③ ④ |
| Adult Echocardiogram | ① ② ③ ④ |
| Doppler | ① ② ③ ④ |
| Dobutamine Stress Echocardiogram | ① ② ③ ④ |
| TEE (Transesophageal Esopography) | ① ② ③ ④ |
| Vascular Procedures | Experience |
| M-Mode | ① ② ③ ④ |
| Color Flow | ① ② ③ ④ |
| Real Time | ① ② ③ ④ |
| Duplex | ① ② ③ ④ |
| Flow Studies | ① ② ③ ④ |
| Photoplethysmography | ① ② ③ ④ |
| Strain Gauge and Pneumoplethysmography | ① ② ③ ④ |
| Arterial Peripheral Upper Extremity | ① ② ③ ④ |
| Arterial Peripheral Lower Extremity | ① ② ③ ④ |
| Arterial Peripheral Stress/Pressure Testing | ① ② ③ ④ |
| Carotid Artery | ① ② ③ ④ |
| Vertebral Artery | ① ② ③ ④ |
| Subclavian Artery | ① ② ③ ④ |
| Venous Peripheral Upper Extremity | ① ② ③ ④ |
| Venous Peripheral Lower Extremity | ① ② ③ ④ |

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| General | | Experience |
|--|--|--------------------------|
| Quality Control of Equipment | | ① ② ③ ④ |
| Recognition of Malfunctions | | ① ② ③ ④ |
| Transducer Selection | | ① ② ③ ④ |
| Image Annotation | | ① ② ③ ④ |
| Patient Variables | | ① ② ③ ④ |
| Criteria for Diagnostic Quality | | ① ② ③ ④ |
| Universal Precautions | | ① ② ③ ④ |
| Disinfection and Cleaning | | ① ② ③ ④ |
| Age Specific | | Experience |
| Neo-Natal | | ① ② ③ ④ |
| Pediatrics | | ① ② ③ ④ |
| Adolescents | | ① ② ③ ④ |
| Adults | | ① ② ③ ④ |
| Geriatrics | | ① ② ③ ④ |
| Certifications | | Experience |
| RCS (Registered Cardiac Sonographer) | | <input type="checkbox"/> |
| RVS (Registered Vascular Specialist) | | <input type="checkbox"/> |
| RDCS (Registered Diagnostic Cardiac Sonographer) | | <input type="checkbox"/> |
| RVT (Registered Vascular Technician) | | <input type="checkbox"/> |
| JCAHO | | Experience |
| JCAHO National Safety Goals | | <input type="checkbox"/> |
| JCAHO Prohibited Abbreviations | | <input type="checkbox"/> |