

EKG 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.)
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Cardiovascular Electrophysiology	Experience
Cardiac Cycle	① ② ③ ④
Electrical Conduction System	① ② ③ ④
Refractory	① ② ③ ④
Transmembrane Potential: Polarization	① ② ③ ④
Transmembrane Potential: Depolarization	① ② ③ ④
Transmembrane Potential: Repolarization	① ② ③ ④
Action Potential: Phase 0 - Phase 4	① ② ③ ④
EKG Interpretation	Experience
Ventricular Tachycardia	① ② ③ ④
Ventricular Fibrillation	① ② ③ ④
Atrial Tachycardia	① ② ③ ④
Atrial Fibrillation	① ② ③ ④
Atrial Flutter	① ② ③ ④
Junctional Escape Rhythms	① ② ③ ④
Asystole	① ② ③ ④
PEA (Pulseless Electrical Activity)	① ② ③ ④
Normal Sinus Rhythm	① ② ③ ④
Sinus Tachycardia	① ② ③ ④
Sinus Bradycardia	① ② ③ ④
Acute Myocardial Infarction Patterns	① ② ③ ④
Cardiac Pacemakers	① ② ③ ④
Wolff-Parkinson-White	① ② ③ ④
Heart Blocks: First Degree Heart Block	① ② ③ ④
Heart Blocks: Second Degree Heart Block: Type I	① ② ③ ④
Heart Blocks: Second Degree Heart Block: Type II	① ② ③ ④
Heart Blocks: Third Degree Heart Block	① ② ③ ④
ECG Techniques and Recognition	Experience
P, Q, R, S, and T Waves	① ② ③ ④
Baseline Values	① ② ③ ④
ECG Measurement: Time	① ② ③ ④
ECG Measurement: Heart Rate	① ② ③ ④
ECG Measurement: Voltage	① ② ③ ④

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ECG Techniques and Recognition		Experience
ECG Measurement: Axix/Hexaxial System		① ② ③ ④
ECG Measurement: Intervals		① ② ③ ④
ECG Measurement: Segments		① ② ③ ④
ECG Measurement: Complexes		① ② ③ ④
ECG Measurement: Normal and Abnormal ST Segment		① ② ③ ④
Recognition of Recording Errors/Artifacts		Experience
Incorrect Standardization		① ② ③ ④
Incorrect Paper Speed		① ② ③ ④
Lead Reversals		① ② ③ ④
Incorrect Lead Placement		① ② ③ ④
Electrical Interference		① ② ③ ④
Somatic Tremor		① ② ③ ④
Wandering Baseline		① ② ③ ④
ECG, Holter, and Stress Testing Instrumentation		Experience
ECG Calibration Methods		① ② ③ ④
Single Channel		① ② ③ ④
Three Channel		① ② ③ ④
Stress Test Techniques and Contraindications		Experience
Protocols: Bruce		① ② ③ ④
Protocols: Modified Bruce		① ② ③ ④
Protocols: Naught On		① ② ③ ④
Prep Techniques		① ② ③ ④
Test Interpretation		① ② ③ ④
Calculation: Double Product		① ② ③ ④
Bicycle Procedure		① ② ③ ④
Ergometers: Arms		① ② ③ ④
Ergometers: Leg		① ② ③ ④
Ergometers: Treadmill		① ② ③ ④
Pharmacologic: Dipryridamole		① ② ③ ④
Pharmacologic: Dobutamine		① ② ③ ④
Pharmacologic: Thallium		① ② ③ ④
Pharmacologic: Cardiolyte		① ② ③ ④

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Stress Test Techniques and Contraindications	Experience
Holter Monitoring: Preparation Techniques	① ② ③ ④
Holter Monitoring: Lead Placement	① ② ③ ④
Holter Monitoring: Interpretation	① ② ③ ④
Holter Monitoring: Recognition of Artifact	① ② ③ ④
Cardiac Medications: Antihypertensives	① ② ③ ④
Cardiac Medications: Nitrates	① ② ③ ④
Cardiac Medications: Calcium Channel Blockers	① ② ③ ④
Cardiac Medications: Beta Blockers	① ② ③ ④
Cardiac Medications: Cardiac Glycosides	① ② ③ ④
Cardiac Medications: Antiarrhythmics	① ② ③ ④
Emergency Medications: Epinephrine	① ② ③ ④
Emergency Medications: Atropine	① ② ③ ④
Emergency Medications: Verapamil	① ② ③ ④
Emergency Medications: Lidocaine	① ② ③ ④
Emergency Medications: Oxygen	① ② ③ ④
Emergency Medications: Isuprel	① ② ③ ④
ECG Leads	Experience
Bipolar Leads	① ② ③ ④
Unipolar Leads	① ② ③ ④
Precordial Leads	① ② ③ ④
Einthoven's Triangle and Law	① ② ③ ④
Skin Preparation	Experience
Shaving	① ② ③ ④
Alcohol Prep	① ② ③ ④
Diaphoretic Patients	① ② ③ ④
Phlebotomy	Experience
Butterfly 'Stick'	① ② ③ ④
Vacutainer Method	① ② ③ ④

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Vital Signs	Experience
Temperature: Oral	① ② ③ ④
Temperature: Tympanic	① ② ③ ④
Temperature: Axillary	① ② ③ ④
Temperature: Rectal	① ② ③ ④
SpO2 (Pulse Oximeter)	① ② ③ ④
Pulse: Auscultation: Apical Pulse	① ② ③ ④
Palpation: Carotid Pulse	① ② ③ ④
Palpation: Brachial Pulse	① ② ③ ④
Palpation: Radial Pulse	① ② ③ ④
Palpation: Femoral Pulse	① ② ③ ④
Blood Pressure: Automatic	① ② ③ ④
Blood Pressure: Manual	① ② ③ ④
JCAHO	Experience
JCAHO National Safety Goals	<input type="checkbox"/>
JCAHO Prohibited Abbreviations	<input type="checkbox"/>