

# 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.)
- 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.)

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

# 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.)
- 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.)

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

# 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.)
- 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. )

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

# 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.)
- 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. )

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"/>