

Southern Illinois Regional EMS System

II-25 APPLICATION OF ECG

1. Policy:
 - 1.1. To establish guidelines for the proper application of the ECG in the prehospital setting.
2. Equipment needed:
 - 2.1. Gloves and full face protection.
 - 2.2. ECG monitor.
 - 2.3. ECG electrodes.
3. Procedure:
 - 3.1. Put on gloves.
 - 3.2. Determine whether there has been any splattering of blood or body fluids:
 - 3.2.1. Put on full face protection.
 - 3.3. Assemble all necessary supplies and equipment.
 - 3.4. Select the location for the electrode placement and clean the site if there is sweat or grime present.
 - 3.4.1. Lead I:
 - 3.4.1.1. Place the positive electrode on the left mid-clavicular 2nd intercostal space.
 - 3.4.1.2. The ground electrode is placed on the right mid-axillary 5th intercostal space.
 - 3.4.1.3. The negative electrode is placed on the right mid-clavicular 2nd intercostal space.
 - 3.4.2. Lead II:
 - 3.4.2.1. Place the negative electrode on the right mid-clavicular 2nd intercostal space.
 - 3.4.2.2. The ground electrode is placed on the left mid-clavicular 2nd intercostal space.
 - 3.4.2.3. The positive electrode is placed on the left mid-axillary 5th intercostal space.