Placement of Precordial Leads

- **V1**: Fourth intercostal space to the right of the sternum
- **V2**: Fourth intercostal space to the left of the sternum
- **V3**: Directly between leads V2 and V4
- **V4**: Fifth intercostal space at left midclavicular line
- **V5**: Level with lead V4 at left anterior axillary line
- **V6**: Level with lead V5 at left midaxillary line
- **V4R**: Fifth intercostal space at right midclavicular line
- **V5R**: Level with lead V4R at right anterior axillary line (not shown)
- **V6R**: Level with lead V5R at right midaxillary line (not shown)
12-Lead Electrocardiogram Variations in Acute Myocardial Infarction and Angina

- **Baseline**

- **Ischemia** — tall or inverted T wave (infarct), ST segment may be depressed (angina)

- **Injury** — elevated ST segment, T wave may invert

- **Infarction (Acute)** — abnormal Q wave, ST segment may be elevated and T wave may be inverted

- **Infarction (Age Unknown)** — abnormal Q wave, ST segment and T wave returned to normal

**Location of Infarction by Leads**

- **Inferior wall**
  - Leads II, III and aVF

- **Anterior wall**
  - Leads V3 and V4

- **Lateral wall**
  - Leads I, aVL, V5 and V6

- **Septal wall**
  - Leads V1 and V2

- **Right ventricle**
  - Leads V4R, V5R, and V6R