



# Features Of The 2<sup>nd</sup> Edition **R-CAT**® Window

Clear window with **Red Baseline** identifies ST Deviation

**R-CAT Window**  
(Rapid - Cardiac Analysis Tool)™

**Side 1**

**ST Elevation**

**T-Wave**

**ST**

**Significant Q-Wave**

POSITION RED LINE OVER EKG BASELINE. SEE EXAMPLES ON THE RIGHT.

**2<sup>ND</sup> Edition**

**EKG CONCEPTS**

[www.ekgconcepts.com](http://www.ekgconcepts.com)

MATCH R TO R INTERVALS TO MEASURE HEART RATE  
START HERE →

**HR = 75**

**EXAMPLES OF NORMAL SINUS RHYTHM**

Examples: Ischemia, Injury and Infarction pictured below

ST Depression or Inverted T-Wave below the baseline - **Ischemia** until proven otherwise

ST Elevation > 1 mm above the baseline - **Injury** until proven otherwise

Significant Q-Wave ≥ 0.03 seconds wide and ≥ 1 mm below the baseline.  
May have a depth > 1/4 the height of the R-Wave it precedes - **Infarction** until proven otherwise

**Comparison examples of NSR and ST Deviation**

Used for both EKG Rhythms and 12 Lead EKGs

**Measures 3.25" x 6.75"** Durable plastic the same thickness & material used as a credit card.

Calibrated **Red Boxes** measures all **Cardiac Intervals**

**QRS = .08**

**PR = .28**

**QT = .40**

SLIDE CALIBRATED RED BOXES UNDER INTERVALS TO MEASURE PR, QRS, QT, SIGNIFICANT Q-WAVES AND IDENTIFY HEART BLOCKS

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**EKG CONCEPTS**

**Side 2**

**Anterior View**

Right Coronary Artery

Left Main Artery

Circumflex Artery

Left Anterior Descending Artery

**Horizontal Plane**

Lateral V5, V6

V6

V5

V4

V3

V2

V1

Septal V1, V2

Anterior V2, V3 + V4

**Precordial (Chest) Leads**

**Anterior**  
II, III, aVF

**Septal**  
V1, V2

**Anterior**  
V2, V3 + V4

**Lateral**  
I, aVL, V5, V6

**Inferior**  
II, III, aVF

**Septal**  
V1, V2

**Anterior**  
V2, V3 + V4

**Lateral**  
V5, V6

**PATENTED**

Related patents at [www.ekgconcepts.com](http://www.ekgconcepts.com).

This tool does not replace patient assessment. Always assess the patient! Accurate assessment dictates appropriate intervention based on the clinical condition of the patient.

Color coded format illustrates EKG areas to the Hearts surface  
for 12 Lead Interpretation

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