

## History of ECG's

Or is it EKG's ??

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Willem Einthoven - Dutch  
( born in Indonesia in 1860-1927)

- Dutch Physiologist, founded electrocardiograph
- Invented string galvanometer, modern machines still use it.
- Einthoven's Triangle still used for placing electrodes I, II, & III
- Leads I,II,III, record electrical activity between 2 electrodes.
- They are referred to as "limb" or "bipolar" leads.
- Electrodes placed on R arm, L arm, and L leg form a triangle. Heart is viewed at three different angles.
- One is always + (recording), one negative. Third is ground.
- Lead II commonly used because most closely resembles the pathway of current flow in normal depolarization.

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