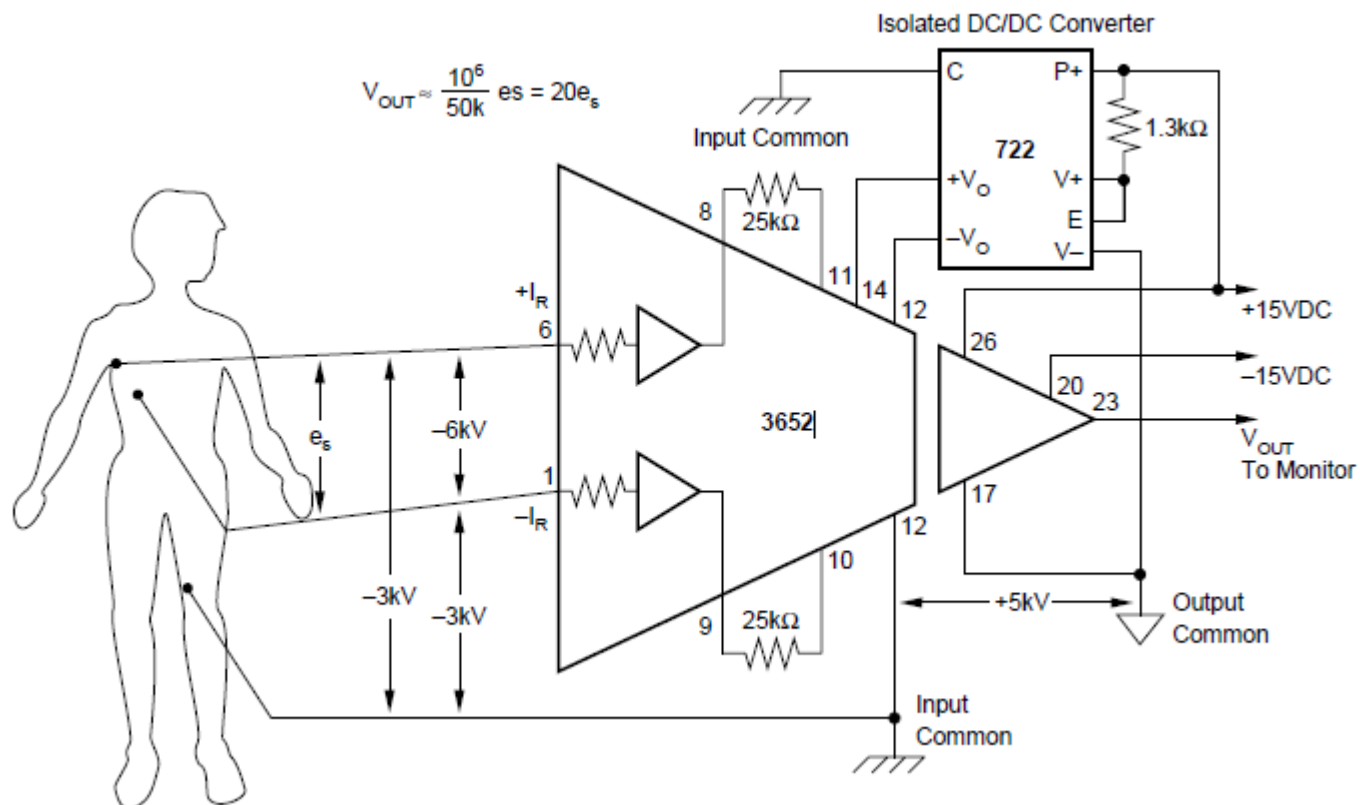


Bioelectronics, EKG

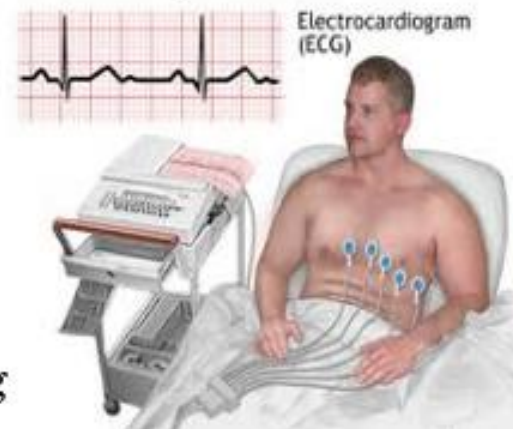


EKG

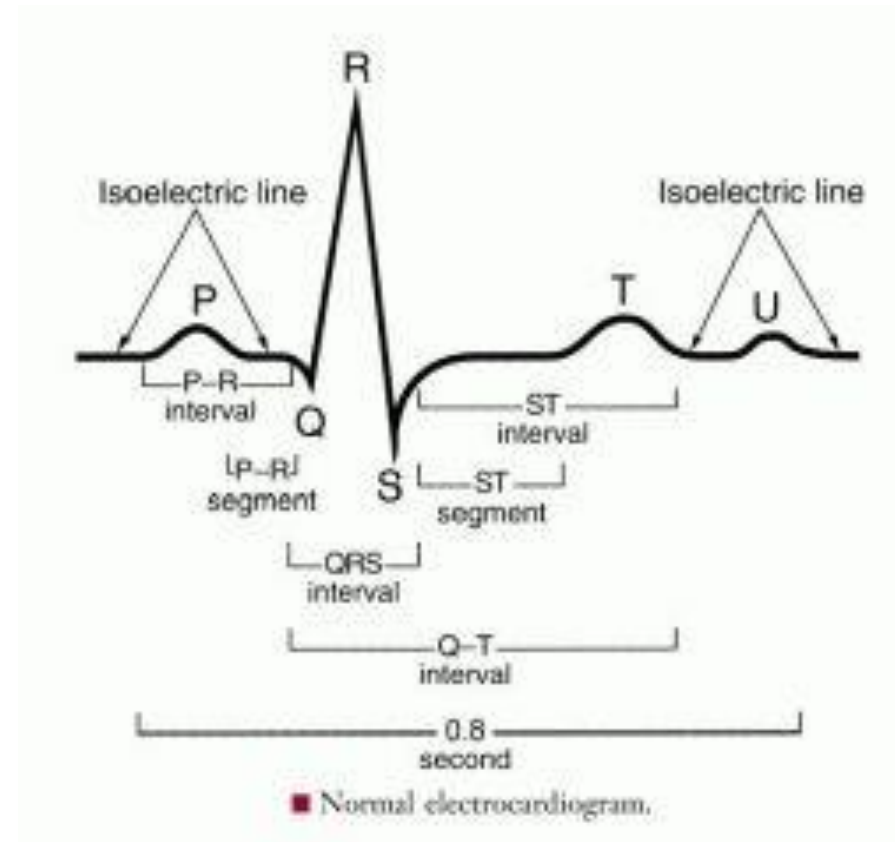
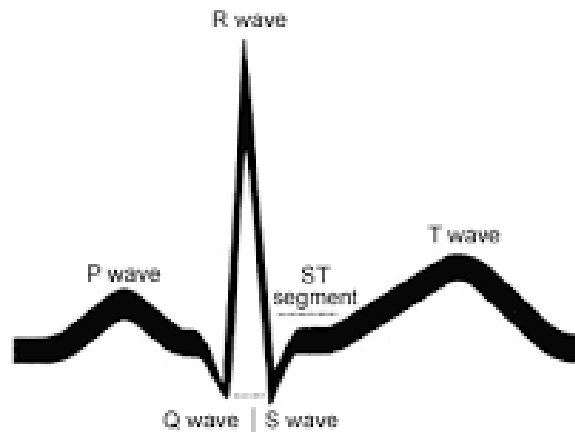
- ECG/EKG (electrocardiogram)

Records the heart's electrical activity:

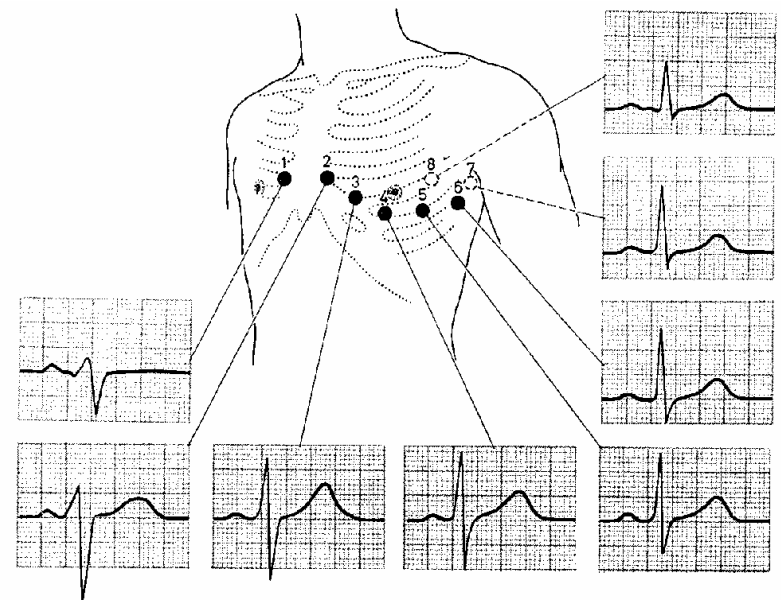
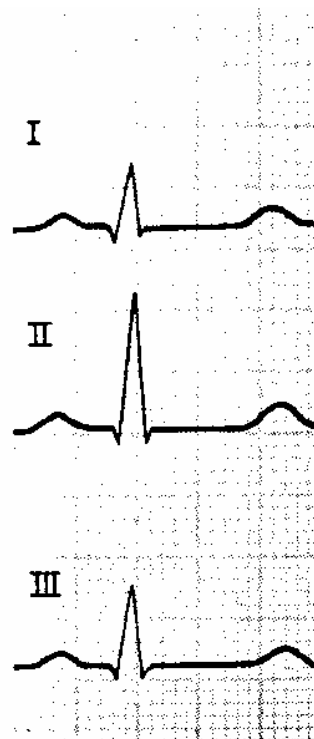
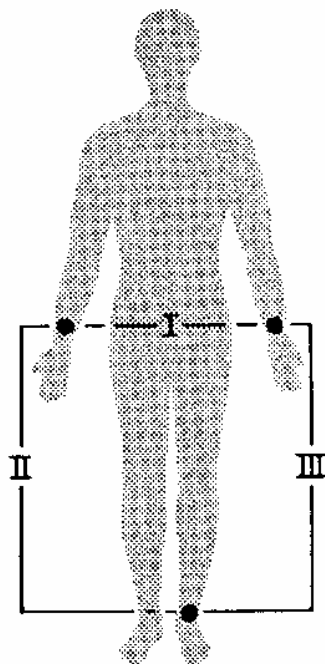
- ✓ Heart beat rate
- ✓ Heart beat rhythm
- ✓ Heart strength and timing



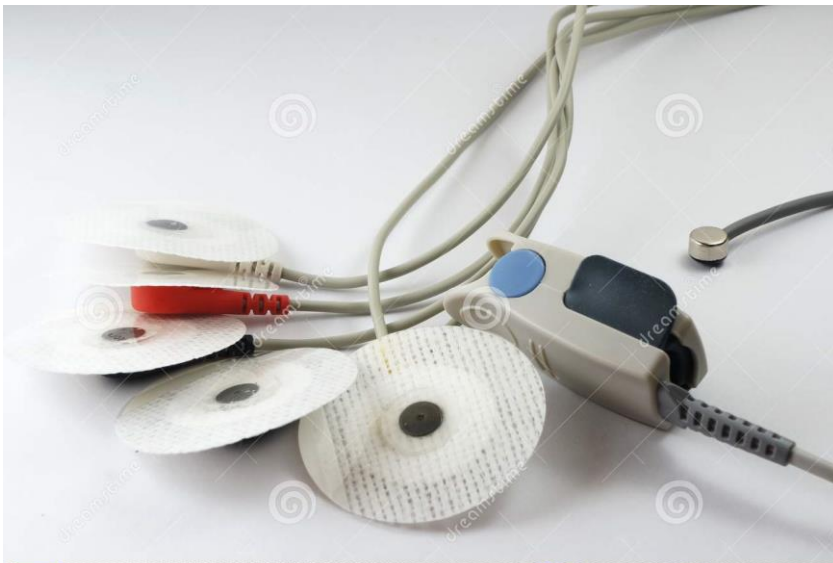
EKG Heart Curve



EKG Electrode Positioning



EKG Electrodes



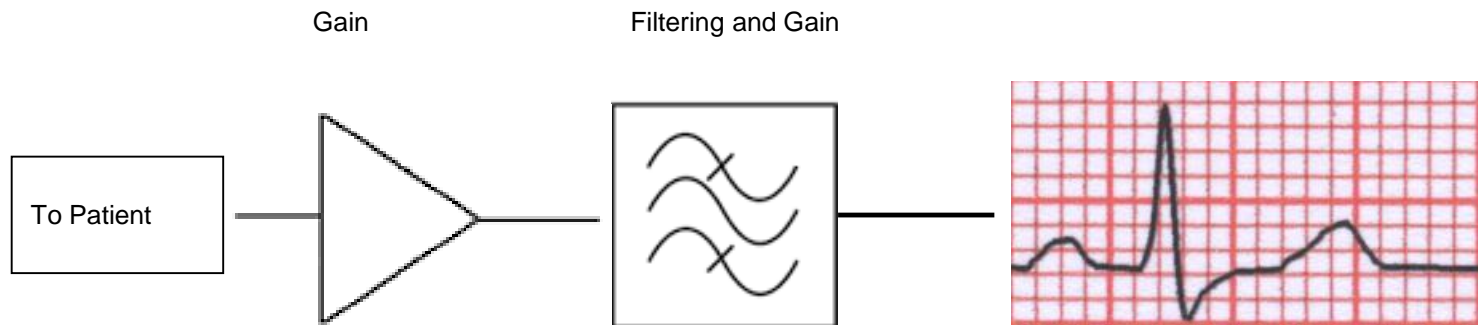
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Electrode Attachment

- Removal of body hair if needed
- A little bit paste to improve electrode contact to skin

Block Diagram of EKG Electronic Interface



EKG measured in lab by students

