

Heart and Cardiovascular Activity

- William Harvey
- Steven Hales
- Cesare Lombroso
- Willem Einthoven
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Mechanism

- Cardiac Cycle
- Sympathetic Vasoconstrictor Tone
- Diastole
- Systole
- Cardiac Output and Stroke Volume
- Frank-Starling law
- Myocardium
- Cardiac Arrhythmia

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Measuring Activity

- Electrocardiogram (ECG)
- Contractile Force
- Cardiac Output
- Blood Pressure
- Blood Flow
- Directional Fractionation

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Skin Temperature

- Vasoconstriction
- Vasodilation
- Thermistor/Infrared
- Psychological Influence
- Raynaud’s Disease

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Blood Pressure

- Pulse Pressure
- Cannulization
- Sphygmomanometer
- Auscultation
- Viscosity, Elasticity, Blood Volume, Peripheral Resistance and Cardiac Factor
- Homeostatic Maintenance

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Plethysmography

- Photoplethysmography
- Relative Blood Flow vs. Absolute

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Psychophysiological Studies

- o Anxiety Disorders
- o Cardiovascular Reactivity
- o Cognitive Processes
- o Influencing Blood Pressure

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