Arteries	Atrium	Pulmonary Veins	Left Atrium	Left Ventricle
*	Coronary Heart Disease	Low Density Lipoprotein (LDL)	Hypertension	Vasocon- striction
Pulse	Coronary Arteries	Free Space	Bicuspid (mitral) Valve	Pacemaker of the Heart
Congestive Heart Failure	Pacemaker Potential	Atrioventri- cular Node	Bundle Branch	Cardiac Cycle
Q Wave	*	Late Diastole	Ventricular Ejection	End-systolic Volume (ESV)

P Wave	Cardiac Cycle	Electrocardio- gram (ECG)	Complete Heart Block	Bundle Branch
Purkinje Fibers	Atrioventricular (A–V) Bundle	Internodal Pathway	Sinoatrial (S-A) Node	Pacemaker Potential
Target Heart Rate	Myocardial Infarction	Free Space	Diastolic Pressure	Systolic Pressure
QRS Complex	Diastole	Systole	Late Diastole	Atrial Systole
Isovolumic ventricular contraction	Ventricular Ejection	End-diastolic Volume	Test Ventricular Volume (mL)	Stroke Volume

Septum		Left Atrium	Capillaries	Systemic Circulation
High Density Lipoprotein (HDL)	Hypertension	Viscosity	Blood Pressure	Pericardium
Atrioventri- cular Valves (A-V valves)	Tricuspid Valve	Free Space	Systolic Pressure	Diastolic Pressure
Target Heart Rate	Internodal Pathway	Purkinje Fibers	Electrocardio- gram (ECG)	Contractility
Respiratory Pump	QRS Complex	ST segment	Systole	End-diastolic volume

Veins	Ventricle	Pulmonary Circulation	Aorta	Inferior Vena Cava
Artherosclerosis	Hypertension	Vasocon- striction	Myocardium	Coronary Veins
Chordae Tendineae	Bicuspid (mitral) valve	Free Space	Semilunar Valves	*
Atrioventrcular bundle (A-V bundle)	Complete Heart Block	R Wave	Diastole	Atrial Systole
Isovolumic Ventricular Relaxation	EDV – ESV =	Venous Return	Frank–Starling Law of the Heart	Cardiac Output

Low Density Lipoprotein (LDL)	Viscosity	Vasodilatation	Pulse	*
Aorta	Superior Vena Cava	Systemic Circulation	Artherosclerosis	Coronary Arteries
Arteries	Septum	Free Space	Pulmonary Vein	Left Atrium
Atrioventricular (A-V) valves	Papillary Muscles	Bicuspid (mitral) Valve	Autorythmic Cells	Systolic Pressure
Congestive Heart Failure	Target Heart Rate	Sinoatrial (S-A) Node	Purkinje Fibers	*

Frank–Starling Law of the Heart	Venous Return	Heart Rate × Stroke Volume =	End-systolic volume (ESV)	Isovolumic Ventricular Relaxation
Isovolumic Ventricular Contraction	Late Diastole	Diastole	ST Segment	Q Wave
Diastolic Pressure	Myocardial Infarction	Free Space	Internodal Pathway	Atrioventricular (A-V) bundle
Purkinje Fibers	Bundle Branch	Electrocardio- gram (ECG)	*	Pacemaker of the Heart
Semilunar Valves	Tricuspid Valve	Chrodae Tendineae	Coronary Veins	Pericardium

*	Blood Pressure	Vasodilatation	Viscosity	Low Density Lipoprotein (LDL)
Artherosclerosis	Systemic Circulation	Superior Vena Cava	Aorta	Left Atrium
Pulmonary Vein	Ventricle	Free Space	Arteries	Systolic Pressure
Diastolic Pressure	Septum	Pacemaker Potential	Internodal Pathway	Purkinje Fibers
Bundle Branch	Complete Heart Block	Cardiac Cycle	Atrial Systole	Ventricular Ejection

Vasocon- striction		Chordae Tendineae	Cardiac Cycle	Low Density Lipoprotein (LDL)
Atrioventricular (A-V) Node	Atrium	Bundle Branch	Q Wave	Left Atrium
Left Ventricle	Late diastole	Free Space	Ventricular Ejection	
Pulse	Coronary Arteries	End-Systolic Volume	Pulmonary Vein	R Wave
Bicuspid (Mitral) Valve	Pacemaker of the Heart	Congestive Heart Failure	Pacemaker Potential	Coronary Heart Disease

Aorta	Myocardium	Inferior Vena Cava	R Wave	Pulmonary Circulation
Vasodilatation	Sinoatrial (S-A) Node	P Wave	Ventricle	Systole
Late Diastole	Atrial Systole	Free Space	Diastole	Cardiac Output
Hypertension	Myocardial Infarction	Ventricular Injection	Stroke Volume	Artherosclerosis
Coronary Veins	Venous Return	Papillary Muscles	Respiratory Pump	Semilunar Valves

Systemic Circulation	Superior Vena Cava	Aorta	Left Atrium	Ventricle
Pulse	Low Density Lipoprotein (LDL)	Artherosclerosis	Systolic Pressure	Septum
Vasodilatation	Congestive Heart Failure	Free Space	Sinoatrial Node	Arteries
Viscosity	Atrioventricular Bundle	Bundle Branch	P Wave	Autorythmic Cells
Papillary Muscles	Atrioventricular (A-V) Valves	Coronary Arteries	*	Bicuspid (Mitral) Valve

Aorta	Papillary Muscles	Semilunar Valves	Sinoatrial Node	Atrioventricular Bundle
Vasodilation	Complete Heart Block	Cardiac Cycle	Atrial Systole	Ventricle
Myocardium	Isovolumic Ventricular Contraction	Free Space	Stroke Volume	Pulmonary Circulation
Coronary Veins	T Wave	Diastole	Systole	R Wave
Superior Vena Cava	Systemic Circulation	Artherosclerosis	Hypertension	Ventricular Ejection

Veins	Pulmonary Artery	Left Ventricle	Pacemaker Potential	*
Diastolic Pressure	Complete Heart Block	Atrial Systole	End-Diastolic Volume	High Density Lipoprotein (HDL)
Target Heart Rate	Systolic Pressure	Free Space	Respiratory Pump	Inferior Vena Cava
Atriventricular (A-V) Node	Venous Return	Cardiac Output	Frank–Starling Law of the Heart	Vasocon- striction
Pericardium	Atrioventricular (A-V) Valves	Bicuspid (Mitral) Valve	Autorythmic Cells	Myocardium

Respiratory Pump	Atriventricular (A-V) Bundle	Sinoatrial (S-A) Node	Congestive Heart Failure	Purkinje Fibers
Venous Return	Chordae Tendineae	Coronary Arteries	Blood Pressure	Electro- cardiogram
Stroke Volume	Vasodilation	Free Space	Low Density Lipoprotein (LDL)	Cardiac Cycle
End-Systolic Volume	Coronary Heart Disease	Papillary Muscles	Semilunar Valves	
Ventricular Ejection	Isovolumic Ventricular Contraction	Systole	Diastole	R Wave

Systemic Circulation	Cardiac Cycle		Q Wave	Myocardium
Biscuspid (Mitral) Valve	High Density Lipoprotein (HDL)	Diastole	Vasocon- striction	Systole
Pericardium	Ventricular Ejection	Free Space	End-Diastolic Volume (EDV)	Atrioventricular (A-V) Valves
Autorythmic Cells	Atrium	End-Systolic Volume	Aorta	Pulmonary Vein
Septum	Sinoatrial (S-A) Node	Bundle Branch	*	Capillaries

Septum	Purkinje Fibers	Cardiac Cycle	Myocardial Infarction	Internodal Pathway
Systolic Pressure	Pulmonary Circulation	Q Wave	Diastole	Atrial Systole
Chordae Tendineae	e 120	Free Space	EDV – ESV =	Cardiac Output
Semilunar Valves	Contractility	Venous Return	Systemic Circulation	Respiratory Pump
Artherosclerosis	Viscosity	Blood Pressure	Coronary Arteries	Veins

Superior Vena Cava	Frank–Starling Law of the Heart	Venous Return	Artherosclerosis	ST Segment
Atrial Systole	Aorta	Ventricle	Capillaries	Inferior Vena Cava
Ventricular Ejection	Left Atrium	Free Space	Arteries	Cardiac Output
Viscosity	P Wave	Pulse	Late Diastole	Coronary Veins
Tricuspid Valve	Pacemaker of the Heart	Myocardial Infarction	Internodal Pathway	Bundle Branch

P Wave	Target Heart Rate	Cardiac Cycle	Pacemaker Potential	Electro- cardiogram (ECG)
Arteries	T Wave	Ventricle	Diastole	Left Atrium
Internodal Pathway	Superior Vena Cava	Free Space	Artherosclerosis	Complete Heart Block
Viscosity	Systole	Pulse	Ventricular Ejection	Coronary Veins
Stroke Volume	Tricuspid Valve	Contractility	Pacemaker of the Heart	Venous Return

Cardiac Output	ST Segment	Purkinje Fibers	Atrioventricular (A-V) Bundle	20 40 60 80 100 120 140 160 Left Ventricular Volume (mL)
T Wave	Contractility	Late Diastole	Systole	Diastole
Stroke Volume	120	Free Space	R Wave	Internodal Pathway
P wave	Cardiac Cycle	Q wave	Respiratory Pump	Electro- cardiogram (ECG)
Isovolumic Vetnricular Relaxation	Atrial Systole	Complete Heart Block	Bundle Branch	Frank-Starling Law of the Heart

Sinoatrial (S-A) Node	Tricuspid Valve	Myocardium	Pulse	Bicuspid (Mitral) Valve
Diastolic Pressure	Hypertension	Myocardial Infarction	Autorythmic Cells	Low Density Lipoprotein (LDL)
Semilunar Valves	Pulmonary Artery	Free Space	Pacemaker Potential	High Density Lipoprotein (HDL)
Atrioventricular (A-V) Valve	Coronary Veins	Target Heart Rate	Papillary Muscle	Chordae Tendineae
Systolic Pressure	Pacemaker of the Heart	Coronary Arteries	Artherosclerosis	Pericardium

Coronary Arteries	Aorta	Atrium	Superior Vena Cava	Myocardial Infarction
Pacemaker Potential	Coronary Heart Disease	Vasodilation	Pericardium	Diastolic Pressure
Myocardium	Pulmonary Vein	Free Space	Bundle Branch	Coronary Veins
Ventricular Ejection	Autorythmic Cells		*	Stroke Volume
End-Systolic Volume	Contractility	Internodal Pathway	Viscosity	Systole

Diastolic Pressure	Vasodilation	Internodal Pathway	Autorythmic Cells	120
Systole	Pericardium	Systolic Pressure	Atrium	Target Heart Rate
Pulmonary Vein	Sinoatrial (S-A) Node	Free Space	Coronary Veins	Pacemaker Potential
Viscosity		Aorta	Stroke Volume	Ventricular Ejection
Bundle Branch	Contractility	Myocardium	High Density Lipoprotein (HDL)	Superior Vena Cava

Viscosity	Pacemaker Potential	Myocardium	Bundle Branch	Pericardium
Systolic Pressure	Myocardial Infarction	20	Aorta	Target Heart Rate
Ventricular Ejection	Coronary Veins	Free Space	Sinoatrial (S-A) Node	Superior Vena Cava
Atrium	Isovolumic Ventricular Relaxation	Stroke Volume	Coronary Heart Disease	End-Diastolic Volume
Vasodilation	T Wave	Diastolic Pressure	Autorythmic Cells	Pulmonary Vein

Pulmonary Vein	Myocardium	Systole	Stroke Volume	Coronary Veins
Diastolic Pressure	Internodal Pathway	Cardiac Cycle	Left Ventricle	P wave
	Aorta	Free Space	Purkinje Fibers	Contractility
Viscosity	Ventricular Ejection	Myocardial Infarction	Atrium	Vasodilation
Autorythmic Cells	Pericardium	*	Pacemaker Potential	Bundle Branch

Superior Vena Cava	Stroke Volume	Myocardium		Internodal Pathway
Coronary Veins	Pacemaker Potential	120	Bundle Branch	Systole
Atrium	Aorta	Free Space	Ventricular Ejection	Pericardium
Vasodilation	Coronary Heart Disease	Cardiac Cycle	Complete Heart Block	Viscosity
Myocardial Infarction	Systolic Pressure	Diastolic Pressure	Contractility	T Wave

Aorta	Cardiac Cycle	High Density Lipoprotein (HDL)	Myocardium	Bundle Branch
Autorythmic Cells	Ventricular Ejection	R wave	Pacemaker Potential	Contractility
Diastolic Pressure	Atrium	Free Space	Complete Heart Block	Viscosity
Vasodilation	Coronary Veins	ST Segment	Superior Vena Cava	End Diastolic Volume (EDV)
Pericardium	Stroke Volume	Veins	Atrial Systole	Pulmonary Vein

Myocardial Infarction	T Wave	Late Diastole	Myocardium	
Internodal Pathway	Viscosity	Pacemaker Potential	Stroke Volume	End-Diastolic Volume (EDV)
Atrial Systole	Coronary Veins	Free Space	Atrium	Vasodilation
Pulmonary Vein	R Wave		Superior Vena Cava	Autorythmic Cells
Heart Rate × Stroke Volume =	Coronary Heart Disease	Venous Return	Respiratory Pump	Aorta

*	Frank–Starling Law of the Heart	20 100 Cardiac cycle 20 40 60 80 100 120 140 160 Left Ventricular Volume (mL)	Ventricular Ejection	Superior Vena Cava
Vasodilation	Inferior Vena Cava	Systole	Viscosity	Venous Return
Diastolic Pressure	Aorta	Free Space	Bundle Branch	Pacemaker Potential
Contractility	Arteries	Myocardium	Pulmonary Circulation	Coronary Veins
Coronary Heart Disease	Atrium	Autorythmic Cells	Internodal Pathway	Pericardium

Bundle Branch	Left Ventricle	Pacemaker Potential	Arteries	Atrium
Vasodilation	Frank–Starling Law of the Heart	Septum	End Diastolic Volume (EDV)	Left Atrium
	Autorythmic Cells	Free Space	Aorta	Contractility
Pacemaker of the Heart	Internodal Pathway	Ventricular Ejection	Myocardium	*
Coronary Heart Disease	Low Density Lipoprotein (LDL)	Pericardium	Tricuspid Valve	Stroke Volume

Semilunar Valves	Diastolic Pressure	Systole	Frank–Starling Law of the Heart	Aorta
Vasodilation	Bicuspid (mitral) Valve	Pacemaker Potential	Atrium	Tricuspid Valve
Papillary Muscles	Pulmonary Vein	Free Space	Pulse	
Superior Vena Cava	Contractility	Internodal Pathway	Pericardium	Low Density Lipoprotein (LDL)
Stroke Volume	Ventricular Ejection	Blood Pressure	Vasdilation	Myocardium

Isovolumic Ventricular Relaxation	Pulmonary Vein	Frank–Starling Law of the Heart	Bundle Branch	Cardiac Cycle
P wave	Internodal Pathway	Cardiac output	Vasodilation	Late Diastole
Aorta	*	Free Space	Stroke Volume	Systolic Pressure
Ventricular Ejection	Atrium	Contractility	Pacemaker Potential	
Coronary Heart Disease	End Diastolic Volume (EDV)	Systole	Semilunar Valves	Superior Vena Cava