Contraction relaxation.

Phase Change	Late diastole	Ventricular systole			Early diastole			Middiastole	
	A. systole	Isometric Cont.	Maximum ejection	Reduced ejection	proto diastolic	isametric relaxulian	Maximum filling	Reduced filling	
Ventricular Pressure	0.1 sec	0.05	0.15	0.1	0.04	0.06	0.1	O.2	
	due to A. systole then olue V. diastole	$++4 \rightarrow 80 (lt v)$ $++ \rightarrow 10 (R+V)$ ends by opening of semilumar values	+ + → 120 inglest wall. P + + → 25 To 9. of 8V	30 % of SV		o o	V. relax > V. filling + V. filling > V. Felax.	70%	
Ventricular volume	reach = EDV	constant.	rapidly	slowly reach ESV= 70	constant	constant	1	gradually	
Aortic pressure				then		dicrobic wave			
Atrial pressure	++ 4 8 4 A sychole evacuation.	+++ bulg of AV value		venous return		PA > PV			
AV-value	opened			LO	SED		0720	20	
Semilunars 200 Million	CLos	ED	open	open	open	CL	-05 E Ţ	<u> </u>	
Heast sounds	weede / in and ible with the strict of a trial muscle.	due to closure of M valve.  1st component	Long / Low Pitch  St is City = 1.  Fulking & book and & pulse and			Closure & semilurar values	rushing of blood into ventricles from attium		
ECG	P wave Tight 0.2	QRS متل 0.02 مت بدای اله Venl. عبد	Tware			Twave			
Coronary blood		Minimum				Maximum			