

State	Conditions	Equivalence in VHM
NSR	Intrinsic heart rate between 60-120bpm	Trest_SA within [500 1000];
Brady	Intrinsic heart rate<60bpm	Trest_SA>1000
Sinus Tachy	Intrinsic heart rate>120bpm	Trest_SA<500
A-V Block	AV node ERP is long so that A-V conduction is slow or blocked	TERP_AV>400
SVT	Atrial rate above 200 due to reentry circuit	Interval between two Activation_SA is shorter than 250ms && Trest_SA>600