

*	DDD Pacemaker Behaviour Specification
	Aspects:
	· I/O: Pulse (Mode 1), Char (A',V') (Mode 2)
engelande kente hande kantakan gapagada dan dirintakan apraka gapagada dan dirintakan apraka	Inputs: - Atrial Sense Outputs: - Atrial Pace - Ventricular Sense - Ventricular Pace
	· Pacing Method:
	On Triggered: On Inhibited:
	- Pace when event : - Pacing tree-running until is absent (detected) event is present (detected)
	· Timing Correlated Actions:
	- AVI: Max time between A event a subsequent V event.
	- AEI: Max time between V event e subsequent A event.
•	- PVARP: Time post & Vevent where any A event is ignored.
	-AR: Ignored A event
	- VRP: Time post A event where my V event is ignored.
	-VR: Ignored V event
	-LRI: Min time heart is allowed to operate. (Rate) Time between V events.
	-URI: Max time pasemaker will ever pace. (Role) Time between V events.
7	

•	Mode 2 Spec:
	· Bi-directional communication with virtual heart (C5303-Heart.exe)
	- Require non-blocking UART reads.
	- Virtual hourt contigurable to various disease states (see whent spec
	- Communicate via char characters: (A, V)
	Heart VART  'A' AP  VS Pacemaker  'V' VP
•	Virtual Heart Spec Heart Emulator
15.7	· Atrial + Ventricular EGM Right Left Atrium>
,	- Positive: Northwal, AS, VS SA 10-1
	TUEDATIVE: TIPTICON, TIP, VI
	· Disease/Detect Simulation Ventrick
	- SA Node Awtomythmic: Inharent inharten potential of caroline cycle.
at None	A'combraet, then V'combraet.
	- AV Node Awtorhythmic: Receiver of SA action potential.
	Delay in A, holore passing action to V'
	- AV Conduction (Delay): AV bundle that acts as the only conductive connection between 'A' e'V'  'V' action delay or blocking.
	'V' netim delay or blocking.
	■ Control of the Con