

Medtronic Physio-Control

Life-Pack 10P, 12, 15 and 20 - 20ms Pulse Width

Maximum Pacing Duration

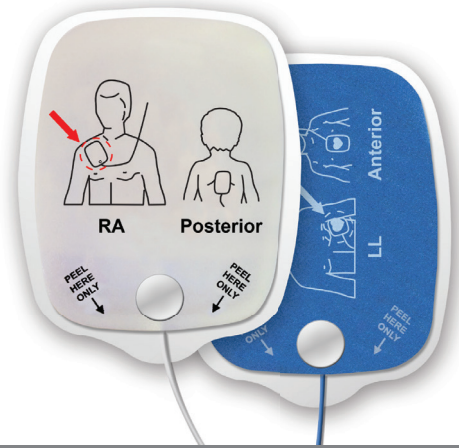
Recommended Maximum Pacing Duration for Vermed Electrodes (in Hours)

	Pacing Rate (ppm)														
	40	50	60	70	80	90	100	110	120	130	140	150	160	170	
Pulse Amplitude (mA)	10	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	20	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	30	24	24	24	24	24	23	20	16	16	14	12	10	8	8
	40	24	24	24	22	22	18	18	16	14	14	10	10	8	8
	50	24	24	22	20	18	16	16	14	14	10	10	8	8	6
	60	24	22	20	18	16	14	14	11	10	9	8	6	5	5
	70	24	23	20	17	15	14	12	11	9	8	6	5	5	4
	80	22	21	20	17	14	13	12	11	8	7	5	4	4	4
	90	20	20	18	16	14	13	11	9	8	6	4	4	3	3
	100	18	18	17	16	13	12	10	9	7	5	4	4	3	3
	110	18	17	16	14	12	10	9	8	6	4	4	3	3	3
	120	16	16	15	13	11	10	8	8	5	4	3	3	2	2
	130	14	14	13	11	10	9	8	7	5	4	3	2	2	2
	140	12	12	11	10	9	8	7	6	4	4	3	2	2	2
	150	11	10	8	6	6	5	5	4	4	3	2	2	2	2
	160	10	8	6	5	4	3	3	3	2	2	2	2	1	1
	170	8	8	4	3	3	3	2	2	2	2	2	1	1	1
	180	8	7	4	3	3	2	2	2	2	1	1	1	1	1
	190	8	6	5	4	3	2	2	2	1	1	1	1	1	1
	200	8	6	4	3	3	2	2	1	1	1	1	1	1	1

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Zoll

40ms Pulse Width

Maximum Pacing Duration

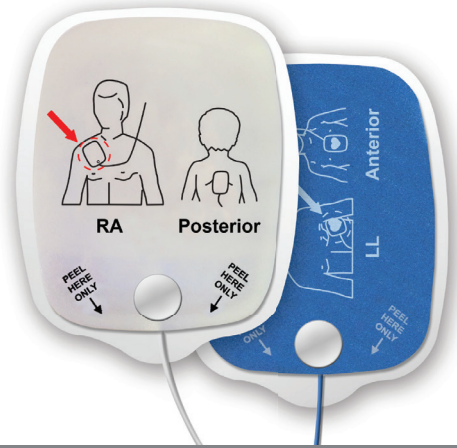
Recommended Maximum Pacing Duration for Vermed Electrodes (in Hours)

	Pacing Rate (ppm)																
	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
Pulse Amplitude (mA)	10	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
	20	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
	30	24	24	22	20	16	14	12	10	8	8	7	6	6	5	5	4
	40	22	16	14	12	10	8	8	6	6	7	6	5	4	4	4	3
	50	20	15	14	12	10	8	7	6	5	4	4	3	3	3	2	2
	60	16	14	12	10	9	7	6	5	4	4	4	3	3	2	2	2
	70	14	12	10	10	8	6	5	5	4	3	3	3	2	2	2	2
	80	12	10	9	9	8	6	5	4	3	3	3	2	2	2	2	2
	90	10	9	8	8	6	4	4	4	3	3	2	2	2	2	1	1
	100	9	8	7	6	5	4	3	3	3	2	2	2	2	2	1	1
	110	8	7	6	6	4	3	3	3	2	2	2	1	1	1	1	1
	120	8	6	6	5	4	3	2	2	2	2	2	1	1	1	1	1
	130	7	5	5	5	3	2	2	2	2	1	1	1	1	1	1	1
	140	6	5	4	4	3	2	2	2	2	1	1	1	1	1	1	1
	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Philips Codemaster

20ms Pulse Width

Maximum Pacing Duration

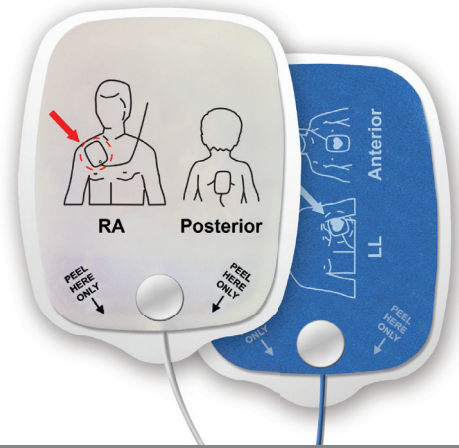
Recommended Maximum Pacing Duration for Vermed Electrodes (in Hours)

	Pacing Rate (ppm)															
	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
Pulse Amplitude (mA)	10	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	20	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	30	24	24	24	24	24	23	20	16	16	14	12	10	8	8	8
	40	24	24	24	22	22	18	18	16	14	14	10	10	8	8	8
	50	24	24	22	20	18	16	16	12	12	10	10	8	8	6	6
	60	24	22	20	18	16	14	14	11	10	9	8	6	5	5	5
	70	24	23	20	17	15	14	12	11	9	8	6	5	5	4	4
	80	22	21	20	17	14	13	12	11	8	7	5	4	4	4	3
	90	20	20	18	16	14	13	11	9	8	6	4	4	3	3	2
	100	18	18	17	16	13	12	10	9	7	5	4	4	3	3	2
	110	18	17	16	15	12	10	9	8	6	4	4	3	3	3	2
	120	16	16	15	13	11	10	8	8	5	4	3	3	2	2	1
	130	14	14	13	11	10	9	8	7	5	4	3	2	2	2	1
	140	12	12	11	10	9	8	7	6	4	4	3	2	2	2	1
	150	11	10	8	6	6	5	5	4	4	3	2	2	2	2	1
	160	10	8	6	5	4	3	3	3	2	2	2	2	1	1	1
	170	8	8	4	3	3	3	2	2	2	2	2	1	1	1	1
	180	8	7	4	3	3	2	2	2	2	1	1	1	1	1	1
	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Philips HeartStart MRx
Monitor/Defibrillator/Pacemaker - 40ms Pulse Width

Maximum Pacing Duration

Recommended Maximum Pacing Duration for Vermed Electrodes (in Hours)

	Pacing Rate (ppm)																
	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
Pulse Amplitude (mA)	10	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	20	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	30	24	24	22	20	16	14	12	10	8	8	7	6	6	5	5	4
	40	22	16	14	12	10	8	8	6	6	7	6	5	4	4	4	3
	50	20	15	14	12	10	8	7	6	5	4	4	3	3	3	2	2
	60	16	14	12	10	9	7	6	5	4	4	4	3	3	2	2	2
	70	14	12	10	10	8	6	5	5	4	3	3	3	2	2	2	2
	80	12	10	9	9	8	6	5	4	3	3	3	2	2	2	2	2
	90	10	9	8	8	6	4	4	4	3	3	2	2	2	2	1	1
	100	9	8	7	6	5	4	3	3	3	2	2	2	2	2	1	1
	110	8	7	6	6	4	3	3	3	2	2	2	1	1	1	1	1
	120	8	6	6	5	4	3	2	2	2	2	2	1	1	1	1	1
	130	7	5	5	5	3	2	2	2	2	1	1	1	1	1	1	1
	140	6	5	4	4	3	2	2	2	2	1	1	1	1	1	1	1
	150	5	4	4	3	3	2	2	2	1	1	1	1	1	1	1	1
	160	4	4	3	3	3	2	1	1	1	1	1	1	1	1	1	1
	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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