





# SimSlim® SL-8 Quick Reference Guide

1	<p><b>Turning the SimSlim on:</b> You <i>never</i> have to. The SimSlim runs all day every day for 5 to 10 years (depending on usage) on its internal battery.</p>	2	<p>The front face of the SimSlim has 5 blue boxes, each with its own mode LED. To show the current mode, without changing modes, click the <b>MODE</b> button one time. To move between modes, double click the <b>MODE</b> button rapidly.</p> 
3	<p>To select subsequent waveforms in the STEPS, ARR1, or ARR2 modes, click the mode button once to sequence from one step/waveform to the next, as listed on the bottom of the SimSlim shown below.</p> 	4	<p>In both ECG modes, ARR1 or ARR2, click the <b>MODE</b> button once to zero all blood pressures. There is a 15 second window to zero the monitor before the waveform automatically returns. Tap the mode button again and the waveform will return without waiting.</p> 
5	<p><b>For Cardiac Output Simulation:</b> Connect only the Blood Temp (BT) catheter connector to the SimSlim, while leaving the Injectate Temp (Ti) connector attached to a Temp probe. Read the room Temp (Ti) off the monitor, locate the matching Ti from the table located on the bottom of the SimSlim and enter the appropriate computational constant (CC) into the monitor. Wait for the monitor to display it is ready to start the injection. Hold the mode button for 2 seconds in the desired 3, 5, or 7 l/min mode to start a simulated CO injection. See chart on reverse side of this card for expanded computational constants.</p> <p><b>Cardiac Output Simulation Mode 5: 5 l/min @ 2° C Ti.</b></p> <p>This simulation is designed to function using a CC value of .542 only. Ti value must be set to 2° C.</p>	6	<p>There are banana plug grooves designed into the body of the simulator, located under each snap, for testing EKG carts. Slide the banana plug into the appropriately sized groove on either side of the snap to make contact with the underside of the snap.</p> 

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Cardiac Output: Expanded Computational Constants (CC)							
Ti	CC	Ti	CC	Ti	CC	Ti	CC
17	.300	20.5	.364	24	.461	27.5	.633
17.5	.308	21	.375	24.5	.480	28	.666
18	.316	21.5	.387	25	.500	28.5	.708
18.5	.324	22	.400	25.5	.522	29	.750
19	.333	22.5	.414	26	.545	29.5	.803
19.5	.343	23	.429	26.5	.572	30	.857
20	.353	23.5	.445	27	.600	30.5	.923



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(2024 6-27)