

Preset Neonatal settings default to weight-based values in C-Platform ventilators

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In the HAMILTON-C1/C2/C3/T1/MR1 ventilators, it is possible to configure up to three Quick setups per patient group in the Configuration menu. However, in neonatal ventilation the ventilator will always use weight-based default values irrespective of the Quick setup configuration.

In the case of neonates, the software uses a default I:E ratio of 1:3. The table below shows the default respiratory rate and inspiratory time for the respective weight categories.

Weight in kg	0.2–1.25	1.26–3	3.1–5.9	6.0–8.9	9–20	21–30
Default Respiratory Rate	60	45	35	30	25	20
Default Inspiratory Time (sec)	0.25	0.33	0.43	0.50	0.6	0.75
I:E	1:3	1:3	1:3	1:3	1:3	1:3

If you wish to use a different inspiratory time, you need to set this manually for the individual patient before starting ventilation.

Note that any subsequent change to the body weight will cause the inspiratory time to revert to the default setting again.

Relevant devices: HAMILTON-C1/C2/C3/T1/MR1, SW v2.1.0 and above

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