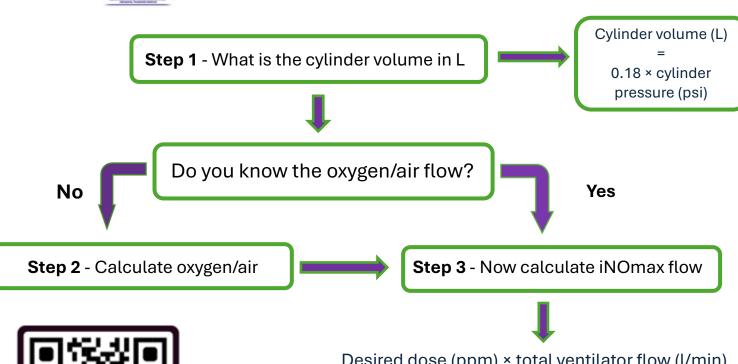


Nitric Oxide Calculator Flow Chart





*Nitric Oxide Cylinder Concentration is always 800 ppm Desired dose (ppm) × total ventilator flow (l/min)

Cylinder concentration (ppm)* - desired dose (ppm)

Step 4 - What is the cylinder duration



Cylinder volume (L) ÷ iNOmax flow rate (l/min)

60 (mins) For cylinder duration in minutes omit the division by 60

Consider stabilisation & transfer time

| Step 2 - Total Ventilator Flow Calculations |
|---|
| Hamilton – Neonate = (ExpMinVol (l/min) x 2*) + 3 l/min * |
| Hamilton - Paediatric/Adult |
| \leq 8kgs IBW / \leq 70cms height = (ExpMinVol (l/min) x 2*) + 4 l/min [#] |
| \geq 8kgs IBW / \geq 70cms height = ExpMinVol (l/min) + 4 l/min [#] |
| <u>Hamilton/Leoni - HiFlow</u> = HiFlow set rate |
| <u>Hamilton – CPAP/NIV</u> = MinVol = Tidal Volume x Rate |
| <u>Leoni SIMV/SIPPV</u> = Tidal Volume x Rate |
| <u>Leoni HFOV</u> = MinVol (Flow) is always 7L/min |
| <u>Leoni CPAP</u> = MinVol (Flow) is always 12L/min |

Cylinder Volume.....

Total Ventilator Gas Flow.....

iNOmax Flow.....

Cylinder Duration...

Transfer Time...