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Oxygen Delivery Devices

<u>Delivery Device</u>	<u>Minimum to Maximum Liter Flow Range (Adults)</u>	<u>Approximate O₂% Delivered</u>	<u>Notes</u> <i>RT assistance recommended for liter flows of 6 liters/minute or more!</i>
Nasal Cannula	1-6 liters/minute	25-50%*	Humidifier recommended for all flow rates > 4 liters/minute
High Flow Nasal Cannula	1-15 liters/minute	25-50%*	High Flow humidifier required for all flow rates of 5 liters/minute or more!
Oxymizer Cannula •Mustache• and •Pendant• styles	1-15 liters/minute	Varies	DO NOT USE with humidifier! Replace every 3 weeks
Low Flow Mask (includes •Bi-Flow• Mask)	1-15 liters/minute	30-50%*	Humidifier not required
Simple Mask	6-10 liters/minute	40-50%*	Humidifier not required
Non Rebreather Mask	10-15 liters/minute	60-80%*	Humidifier not required Liter flow must be sufficient to keep reservoir bag partially inflated during inspiration
Hi-Ox Mask	8-15 liters/minute	100%*	Humidifier not required Liter flow must be sufficient to keep reservoir bag partially inflated during inspiration
Transtracheal oxygen catheter	1-15 liters/minute	Varies	RT assistance recommended!
Trach collars, face tents	1-30 liters/minute	Varies	RT assistance recommended!

*O₂% Delivered varies by flow rate (liters/minute), respiratory rate, tidal volume, mask fit, etc.