**SUPPLEMENTAL CONTENT**

**SDC Table. Estimated FiO2 Based on Oxygen Delivery System and Flow Rate.9-14**

|  |  |  |
| --- | --- | --- |
| **Type** | **Flow Rate, L/min** | **Estimated****FiO2a** |
| Regular nasal prongs | 1 | 0.24 |
| 2 | 0.28 |
| 3 | 0.32 |
| 4 | 0.36 |
| 5 | 0.40 |
| 6 | 0.44 |
| High flow nasal prongsb | 6 | 0.47 |
| 7 | 0.49 |
| 8 | 0.51 |
| 10 | 0.55 |
| 12 | 0.59 |
| 15 | 0.65 |
| Oxymizers | 4 | 0.47 |
| 6 | 0.49 |
| 8 | 0.51 |
| 10 | 0.55 |
| 12 | 0.59 |
| 15 | 0.65 |
| Venturi mask |  | 0.28 |
| 0.35 |
| 0.40 |
| 0.50 |
| Oxymask | 4 | 0.33 |
| 5 | 0.36 |
| 6 | 0.45 |
| 7 | 0.48 |
| 8 | 0.50 |
| 10 | 0.53 |
| 12 | 0.57 |
| 15 | 0.60 |
| Nonrebreather mask | 10 | 0.70 |
| 12 | 0.70 |
| 15 | 0.75 |

Abbreviation: FiO2, fraction of inspired oxygen.

aFiO2 estimates for nasal prongs ≤6L/min was calculated using the equation FiO2 = 0.2 + (liter flow) x 0.04.14

bRefers to nasal prongs used to deliver up to 15 L/min of oxygen flow providing a variable FiO2;not the humidified high-flow nasal prongs that utilize an air blender and heated circuit to deliver a fixed FiO2