



Place in Site Master File #9b

FiO₂ conversion tables for open systems

-

For daily registration in the eCRF

Attention: These tables are for registration of FiO₂ in the eCRF only, they should NOT be used for evaluation of inclusion criterium S5: 'Oxygen supplementation through an open system...' (use the conversion table within the pocket card or the eCRF-S5-[info-box] to evaluate this)

Nasal cannula: flow of oxygen and corresponding FiO₂

<u>0 L/min:</u>	0.21
<u>1 L/min:</u>	0.27
<u>2 L/min:</u>	0.33
<u>3 L/min:</u>	0.37
<u>4 L/min:</u>	0.40
<u>5 L/min:</u>	0.44
<u>6 L/min:</u>	0.48
<u>10 L/min:</u>	0.62

Hudson masks or similar:

Flow of oxygen and corresponding FiO₂

<u>6 L/min:</u>	0.45
<u>8 L/min:</u>	0.50
<u>10 L/min:</u>	0.54
<u>15 L/min:</u>	0.59
<u>30 L/min:</u>	0.65

Hudson mask or similar, when using air/oxygen mixtures:

Flow of oxygen/air and corresponding FiO₂

<u>3 L O₂ / 12 L air /min (≈ 37%):</u>	0.29
<u>7.5 L O₂ / 7.5 L air /min (≈ 60%):</u>	0.41
<u>10 L O₂ / 5 L air /min (≈ 74%):</u>	0.48
<u>12 L O₂ / 18 L air /min (≈ 52%):</u>	0.39

If a **Venturi-mask** is used, use the FiO₂ as stated on the respective mask (colour code), typical range **0.24 to 0.60**

If **high flow humidified oxygen via nasal cannula** ≥ 15 L/min is used:
The FiO₂ equals the oxygen concentration as stated on the mixer (**0.21 to 1.00**)

Reservoir-masks (non-rebreather masks) with flows ≥ 10 L/min, FiO₂ = **0.95**