



## Place in Site Master File #9b

### FiO<sub>2</sub> conversion tables for open systems

#### For daily registration in the eCRF

**Attention:** These tables are for registration of FiO<sub>2</sub> in the eCRF.

<b>Nasal cannula: flow of oxygen and corresponding FiO<sub>2</sub></b>	
0 L/min:	<b>0.21</b>
1 L/min:	<b>0.27</b>
2 L/min:	<b>0.33</b>
3 L/min:	<b>0.37</b>
4 L/min:	<b>0.40</b>
5 L/min:	<b>0.44</b>
6 L/min:	<b>0.48</b>
10 L/min:	<b>0.62</b>

<b>Hudson masks or similar:</b>	
Flow of oxygen and corresponding FiO <sub>2</sub>	
6 L/min:	<b>0.45</b>
8 L/min:	<b>0.50</b>
10 L/min:	<b>0.54</b>
15 L/min:	<b>0.59</b>
30 L/min:	<b>0.65</b>

<b>Hudson mask or similar, when using air/oxygen mixtures:</b>	
Flow of oxygen/air and corresponding FiO <sub>2</sub>	
3 L O <sub>2</sub> / 12 L air /min (≈ 37%):	<b>0.29</b>
7.5 L O <sub>2</sub> / 7.5 L air /min (≈ 60%):	<b>0.41</b>
10 L O <sub>2</sub> / 5 L air /min (≈ 74%):	<b>0.48</b>
12 L O <sub>2</sub> / 18 L air /min (≈ 52%):	<b>0.39</b>

If a **Venturi-mask** is used, use the **FiO<sub>2</sub>** 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 FiO<sub>2</sub> equals the oxygen concentration as stated on the mixer (**0.21 to 1.00**)

**Reservoir-masks (non-rebreather masks)** with flows ≥ 10 L/min, **FiO<sub>2</sub> = 0.95**