



1) B

2) A

Approximately increment by 4% for each liter of flow

3) C

to avoid rebreathing CO₂

4) C

provide FiO₂ 24% to 90% (1-40L/min)

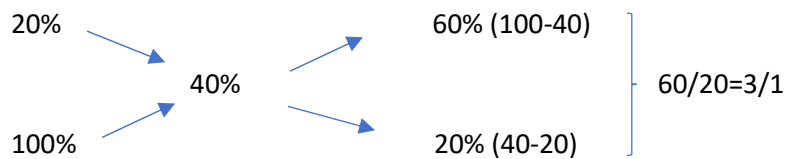
5) C

or not allow the bag to deflate during inflation

6) B

3:1

The magic box



7) B

Due to the magic box, air to oxygen ratio is 1:1 on 60%. At least 40L/min is needed as total flow for adults. $40/(1+1)=20\text{L/min}$

8)B

flow rates up to 60L/min

9) C

10) B

The degree of CPAP in HFNC depends on flow, and whether person is breathing through their nose or mouth.