

18 Oxygen Failure

O₂ failure alarm, Low FiO₂ values on gas analyzer.

START

- ❶ Disconnect Pt from machine and ventilate with Ambu bag on RA
 - ❷ Open O₂ tank on anesthesia machine and disconnect from wall O₂ source
 - ❸ Check increase in FiO₂ and amount of oxygen in cylinder.
 - ❹ Decrease FGF if possible. Hand ventilate to conserve gas if necessary
- ▶ *If ineffective, obtain E cylinder of O₂ while ventilating with RA, connect elbow adapter for gas monitoring and maintain anesthesia with IV agents.*

More INFO

- E cylinder holds 660 l at 2200 PSI. A full cylinder will last 300 minutes at 2 lpm.
- Ventilator driving gas is O₂.
- Biomed engineering 662-4756

SECONDARY steps

- Obtain extra O₂
- Notify OR leadership, Surgeon, Bioengineering