

SNS COLLEGE OF ALLIED HEALTH SCIENCES



SNS Kalvi Nagar, Coimbatore - 35 Affiliated to Dr MGR Medical University, Chennai

DEPARTMENT OF CARDIOPULMONARY PERFUSION CARE TECHNOLOGY

COURSE NAME: CPB & ITS COMPLICATIONS

3RD YEAR

TOPIC: CENTRAL OXYGEN SUPPLY FAILURE

MS. KRIPA/LECTURER/SNSCAHS



MANAGEMENT OF CENTRAL OXYGEN SUPPLY FAILURE



- Notify the perfusionist and surgical team immediately.
- Switch to the backup oxygen supply ie. Oxygen cylinder/tank if available.
- If the backup oxygen is not available manually ventilate the patient using bag valve mask ventilation device for short term support.

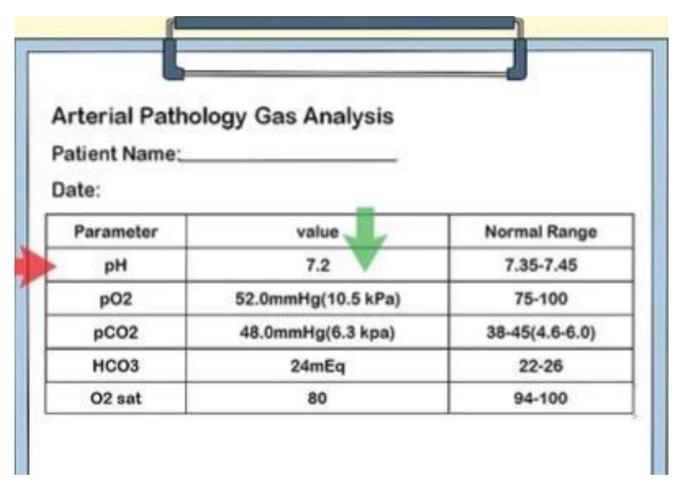








- Monitor patient SpO2 And blood gases to ensure adequate oxygenation.
- Inform to the hospital facilities management team to investigate the cause of central oxygen supply failure and restore the oxygen as soon as possible.
- Monitor the patient vitals to avoid brain damage, hypoxia and ischemia







THANK YOU