



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 : REVERSE CONNECTIONS OF CANNULA TO THE ARTERIAL
AND VENOUS LINE**

MS. KRIPA/LECTURER/SNSCAHS



Reverse connection of cannula to arterial And venous line



- Reversal of arterial and venous line is a serious life threatening complications that must be corrected immediately.



Steps to be followed are



- Stop the pump immediately
- Notify the Perfusionist, surgeon, Anesthesiologist regarding reversal of lines
- Clamp the arterial line as close as possible to the cannula to prevent oxygenated blood from flowing to venous side
- Unclamp the venous line to allow de oxy blood to flow to oxygenator
- Reverse the lines to correct position to disconnecting them from the cannula
- Check for air in the lines and remove it through purging lines
- Restart the CPB and slowly start the flows monitor the signs of hemodynamics instability or any gas exchange abnormalities
- Inform the surgical team for any potential complications



THANK YOU