



***SNS COLLEGE OF ALLIED HEALTH SCIENCES
SNS KALVI NAGAR, COIMBATORE-35
AFFILIATED TO Dr MGR UNIVERSITY, CHENNAI***

***DEPARTMENT OF OPERATION THEATRE AND
ANAESTHESIA TECHNOLOGY***

3rd YEAR

SUBJECT: Principles of Anaesthesia II

TOPIC: Weaning from bypass



Weaning from bypass:

- Venous decannulation is done first, superior vena cava is decannulated
- Perfusionist now fills the heart and surgeon will have close watch on cardiac contractility
- Rectal or nasopharyngeal temperature
- Sinus rhythm
- Cardiac contractility should be normal and myocardium recover from anorexia and turns red in colour
- Blood products required if they should be available readily
- K⁺ level, PH of blood should be normal
- Ventilate both the lungs



Decannulation and protamine administration:

- Aortic decannulation is the last step of CPB
- Surgeon satisfied with operative corrections
- No need to go back on CPB to attend hemodynamic stability
- No surgical cause of bleeding
- All blood from venous reservoir is returned back
- For decannulation ties around cannula are cut struggers loosened and surgeon removes cannula
- pericordial closure is done
- Heparin is reversed with protamine