



SNS COLLEGE OF ALLIED HEALTH SCIENCES
SNS Kalvi Nagar, Coimbatore - 35
Affiliated to Dr MGR Medical University, Chennai



DEPARTMENT OF CARDIO PULMONARY PERFUSION CARE
TECHNOLOGY

COURSE NAME : CPB AND ITS COMPLICATIONS

III nd YEAR

TOPIC : AIR LOCK AND AIR EMBOLISM

QUESTION BANK



10 MARKS

1. Enlist the complications of cardiopulmonary bypass. Describe in detail about massive air embolism and its management.
2. Gas exchange in Oxygenator



5 MARKS

1. Air lock & its solution.
2. Systemic air embolism
3. Management of air in the arterial line of the circuit.



3 MARKS

1. Air entry into venous line
2. How will you treat massive air embolism?
3. Arterial line filter
4. Explain the importance of bubble detector in the cardiopulmonary bypass circuit and its working principle



THANK YOU