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# CONGENITAL HEART DISEASE

- volume overload —> ↑pulmonary BF —> vascular remodelling —> shunt reversal
    - atrial/ventricular septal defects
    - TR/PR
  - pressure overload
    - Pulm stenosis
    - RVOT obstruction (eg post tetralogy correction)
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# CARDIAC SURGERY

- aetiology is not clear
  - myocardial stunning [direct ischaemia]
  - RV particularly susceptible to air embolisation
  - ↑PVR post-op (pro-inflammatory mediators, extravascular lung water, derecruitment, protamine)
  - tricuspid valve surgery [overestimation of RV function in TR]
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