
PE

- most common cause of acute RV dysfunction
 - mortality directly related to extent of RVF
 - mechanical obstruction → afterload↑
 - dilation and stretching occurs when >30% of pulmonary vasculature is blocked
 - in most cases, RV dysfunction reverses on resolution of clots
 - chronic thromboembolic PH rare
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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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