
ARDS

- acute cor pulmonale in 20-25%
 - direct injury to pulmonary circulation ↑PVR, worsened by hypoxia/hypercapnia
 - 'RV protective' approach
 - PEEP is manipulated in parallel with echo assessment of RV
 - plateau pressure <27, driving pressure <18 [cmH₂O]
 - beware high RR
 - prone positioning
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OBESITY

- ↑CO, OHV syndrome, OSA
 - HPV during apnoea → Remodelling → PH
 - negative intrathoracic pressure (inspiration against closed glottis)
↑preload
- co-existing cardiovascular disease and hypoxaemia
- challenging TTE
- mechanical ventilation - similar approach to ARDS

