

CICU 4th Year/Senior Fellow Journal Club 2021-2022

Month	Aug	Sept	Oct
Section	CV Physiology	Non-CV Physiology	CV Physiology
Theme	<i>CV Function & Interactions</i>	<i>Resp Physiology & Fluid</i>	<i>Vascular (Systemic, Coronary, Pulmonary)</i>
Chapters	RV & LV Systolic Function (p61) Ventricular Diastolic Function (p65) Ventricular Interdependence (p79) Cardiopulmonary Interactions (p83)	Respiratory Mechanics (p25) Gas Exchange & Acid-Base (p29) Pulmonary Edema (p39) Pleura Physiology & Disease (p47)	Coronary Vascular & Myocardial Energetics (p69) Ventricular Response to Volume & Pressure Loading (p73) Vascular Function & Dysfunction (p109) Pulmonary Hypertension (p113) Vasoactive Agents (p149)

Month	Nov	Dec	Jan
Section	Non-CV Physiology	CV Physiology	Non-CV Physiology
Theme	<i>Airway/Neuro Pathophys</i>	<i>Myopericarditis, CM, HF</i>	<i>Non-CV/Resp/Neuro Sytems</i>
Chapters	Airway Disease (p35) Airway Management (p51) Mechanical Ventilation (p55) Cerebral Vascular Physiology (p17) Neuro Injury & ND Outcomes (p21) Sedatives, Analgesics, Muscle Relaxants (p13)	CM & Myocarditis (p93) Pericardial Physiology & Disease (p98) Critical HF/Shock (p103) Chronic HF (p99)	Nutrition & Dysphagia (p241) Renal Physio, AKI, Fluids, RRT (p245) Hospital-Acquired Infections (p255) Severe Sepsis/Shock (p259) Hemostasis & Bleeding (p251) Hormone Replacement Therapies (p263)

Month	Feb	Mar	Apr
Section	CHD	CHD	CHD
Theme	<i>Bypass, Simple CHDs, Comorbid Lesions</i>	<i>Systemic Valve/Outflow Disease</i>	<i>Pulmonary Valve/Outflow Disease</i>
Chapters	CPB-Induced Inflammatory Response (p165) Comorbid Lesions in CHD (p267) Shunts Lesions: PDA, ASD, VSD, AVSD (p173) Anomalous Pulmonary Veins (p181)	MR/MS (p121) AR/AS (p125) Critical AS (p193) CoA & IAA (p189)	PA/IVS (p197) Ebstein's (p201) TOF, TOF/PA, TOF/APV (p205)

Month	May	Jun	Jul
Section	CHD	CHD	CHD
Theme	<i>Other Conotruncal & Coronary</i>	<i>SV & CPR/MCS/OHT</i>	<i>Rhythm & Monitoring</i>
Chapters	D-TGA & DORV (p211) L-TGA (p217) Truncus Arteriosus (p185) Coronary Artery Disease (p239)	SV/HLHS (p221) Bidirectional Glenn (p227) Fontan (p233) CPR in CHD (p155) MCS (p159) OHT (p163)	Dysrhythmias & Temporary Pacing (p129) Monitoring: Hemodynamics (p137) Monitoring: Tissue Oxygenation (p143) Monitoring: Echocardiography (p133)