Cheatography

Cardio II: Congenital + Valvulopathy Cheat Sheet by ksellybelly via cheatography.com/19318/cs/2381/

Cyanotic Co	ongenital Heart Anomalies	Aortic/Mitral Valvular Disorders (cont)	
Pulmonary Atresia	Pulmonary valve closed, ASD and PDA present, intact ventricular septum	Most common cause mitral/aortic valve di	· · · · · · · · · · · · · · · · · ·
Transpositio of the great vessels		Clinical scenario: female with Mitral valve prolapse minor chest wall deformity, mid systolic click, late systolic murmur	
Hypoplastic left heart syndrome	Small left ventricle, normal great vessels	Treatment	surgical repair, valve replac- ement, and balloon valvul- oplasty
Tetralogy of Fallot	Subaortic septal defect, right ventricular outflow obstruction, overriding aorta, right ventricular hypertrophy	Recommendations	Anticoagulation therapy esp. pt. has Afib, and abc to prevent enocarditis if regurg.
Acyanotic C	ongenital Heart Abnormalities	Tricuspid/Pulmonic	Valve Disorders
ASD	Opening between the left and right atria. Ostium secundum most common.	Right-sided pressure overload leads to:	Right-sided cardiomegaly, systemic venous congestion, and right-sided heart failure
VSD	Opening between the left and right ventricle. **Most common of all congenital defects.	Clinical features	Exercise intolerance, JVD, peripheral eema
AV Septal Defect (Canal)	Due to incomplete fusion of the endocardial fusions. Common in Down Syndrome.		hepatomegaly
		EKG Findings	Right-axis deviation
		Echo Findings	Definitive method for identifying structural/f-

pressure overload leads to:	congestion, and right-sided heart failure
Clinical features	Exercise intolerance, JVD, peripheral eema, hepatomegaly
EKG Findings	Right-axis deviation
Echo Findings	Definitive method for identifying structural/f- unctional abnormalities
Treatment	Na+ restriciton, diruteic therapy> decrease fluid volume and right atrial filling pressure

Aortic/Mitral Valvular Disorders

gas exchange)

PDA

Coarctation of the Aorta

Aortic Stenosis	Narrowing of the valve opening
Aortic Insufficiency (Regurg)	Results in volume overload of left ventricle
Mitral Stenosis	Impedes blood flow between the left atrium and left ventricle
Mitral Insufficiency	Causes backflow and volume overload of left atrium
Mitral Valve Prolapse	Can range from asymptomatic to causing mitral regurg.
Consequence of calve related heart failure	Pulmonary HTN + congestion

Failure/delay in closure of the channel bypassing the lungs (which during fetal development allows placental

Narrowing in the proximal thoracic aorta



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