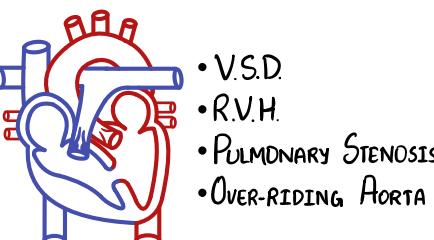


CYANOTIC LESIONS

TETRALOGY OF FALLOT

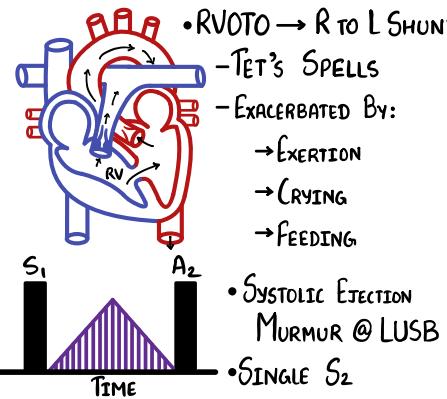


RISK FACTORS

- DIGEORGE SYNDROME
→ NO THYMUS
→ NO PARATHYROID
→ HEART DEFECTS

CLINICAL PICTURE

- RVOTO → R to L SHUNT
- Tet's Spells
- EXACERBATED BY:
→ EXERTION
→ CRYING
→ FEEDING
- SYSTOLIC EJECTION MURMUR @ LUSB
- SINGLE S₂



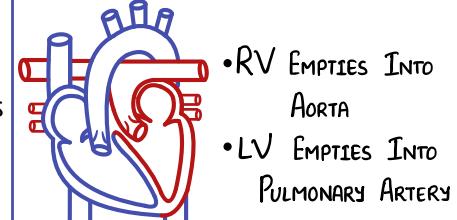
ACUTE MANAGEMENT

- ↓RVOTO (R → L SHUNT)
→ SQUAT (KNEES TO CHEST)
→ ↑SVR IN AORTA
- MORPHIN + BETA BLOCKERS
→ ↓RVOTO SPASM

SURGICAL MANAGEMENT

- ENLARGE RVOTO
- CLOSE V.S.D.
- PALLIATIVE SHUNT (P.A. → S.A.)

TRANSPOSITION OF THE GREAT ARTERIES

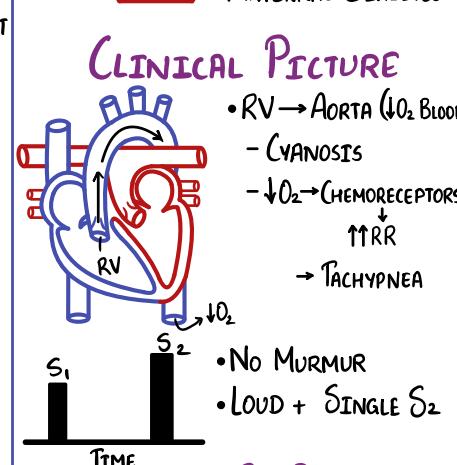


RISK FACTORS

- DIGEORGE SYNDROME
→ NO THYMUS
→ NO PARATHYROID
→ HEART DEFECTS
- MATERNAL DIABETES

CLINICAL PICTURE

- RV → AORTA (O₂ Blood)
- CYANOSIS
- ↓O₂ → CHEMORECEPTORS
↑RR
→ TACHYPNEA
- No MURMUR
- LOUD + SINGLE S₂



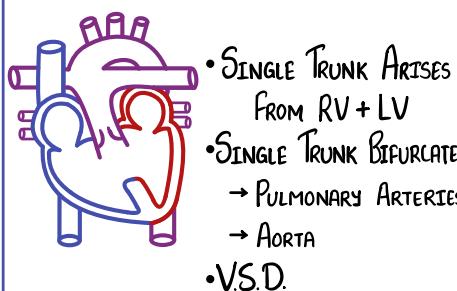
ACUTE MANAGEMENT

- KEEP P.D.A. OPEN (Mix Blood)
- MAKE A.S.D. (Mix Blood)
- BALLOON ATRIAL SEPTOSTOMY

SURGICAL MANAGEMENT

- ARTERIAL SWITCH PROCEDURE

TRUNKUS ARTERIOSUS

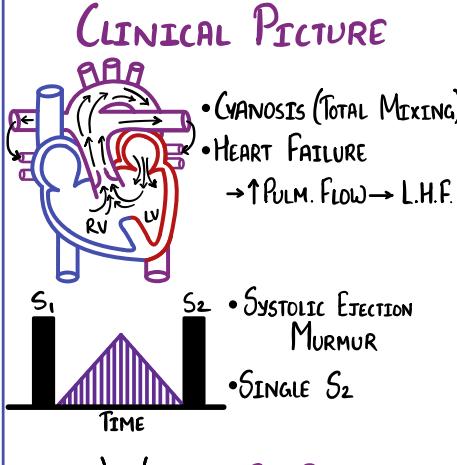


RISK FACTORS

- DIGEORGE SYNDROME
→ NO THYMUS
→ NO PARATHYROID
→ HEART DEFECTS
- MATERNAL DIABETES

CLINICAL PICTURE

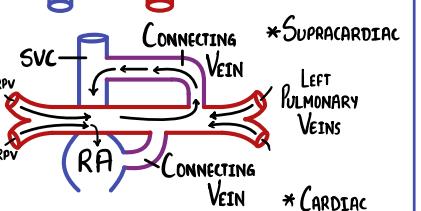
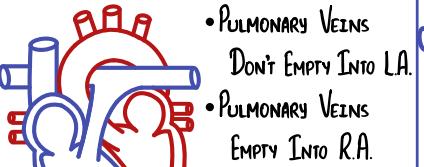
- CYANOSIS (TOTAL MIXING)
- HEART FAILURE
- PULM. FLOW → L.H.F.
- SYSTOLIC EJECTION MURMUR
- SINGLE S₂



ECHOCARDIogram

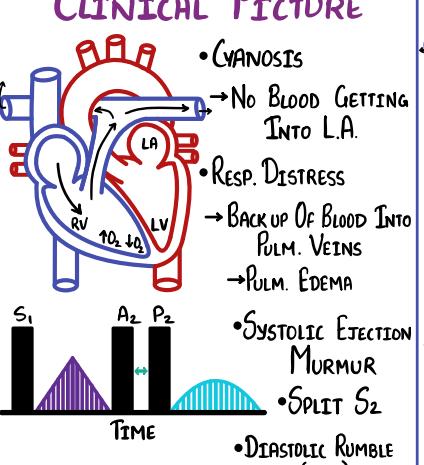
- Bridge To SURGERY
- ↑INOTROPY + ↓AFTERLOAD
- PPV + DIURETICS

TOTAL ANOMALOUS PULMONARY VENOUS RETURN



CLINICAL PICTURE

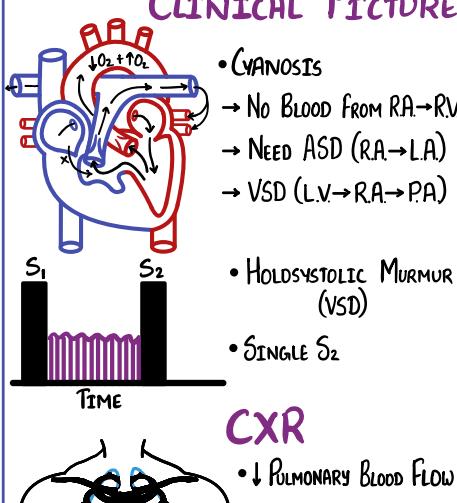
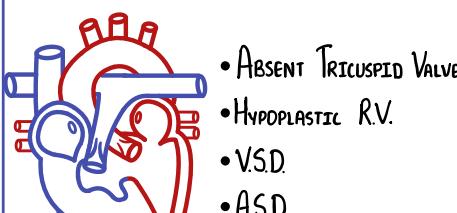
- CYANOSIS
- No BLOOD FROM RA → RV.
- NEED ASD (RA → LA)
- VSD (L.V. → RA → P.A.)
- RESP. DISTRESS
- BACK UP OF BLOOD INTO PULM. VEINS
- PULM. EDema
- SYSTOLIC EJECTION MURMUR
- SPLIT S₂
- DIASTOLIC RUMBLE (LLSB)



ECHOCARDIogram

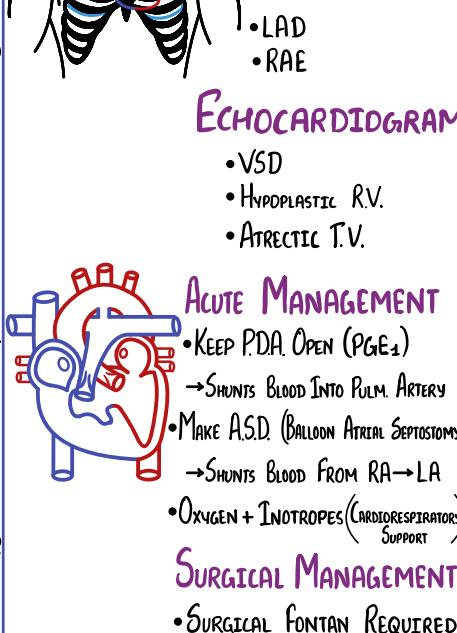
- PULM. VEIN OBSTRUCTION
- EMERGENT AFTER BIRTH

TRICUSPID ATRESIA

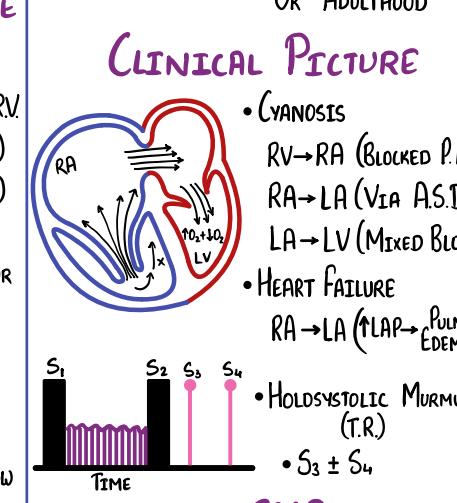
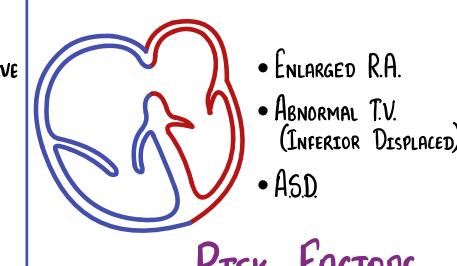


ECHOCARDIogram

- VSD
- HYPOPLASTIC R.V.
- ATRECTIC T.V.

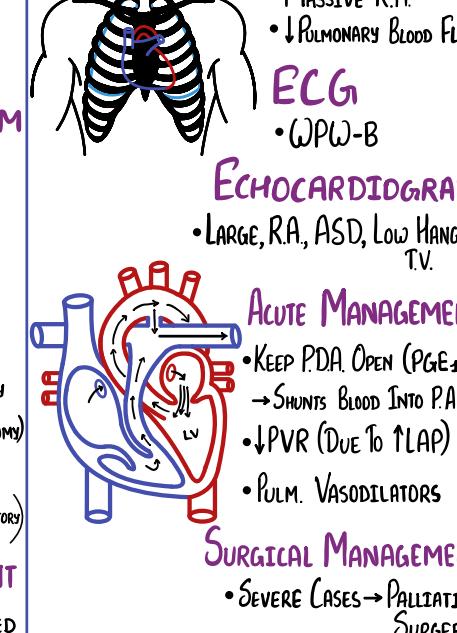


EBSTEIN ANOMALY

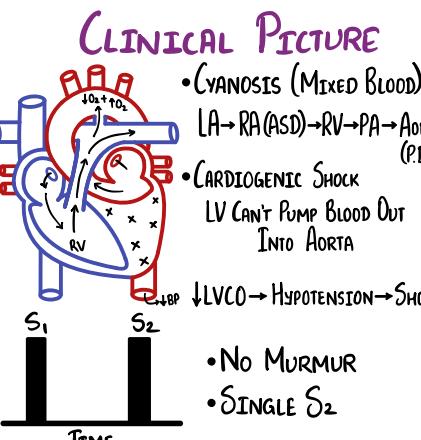
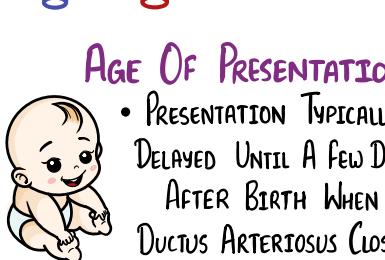
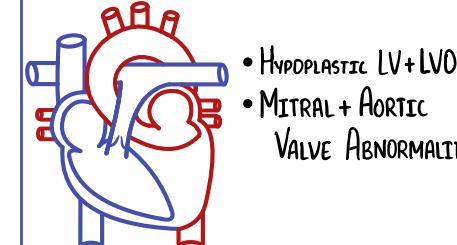


ECHOCARDIogram

- LARGE, R.A., ASD, Low HANGING T.V.



HYPOPLASTIC LEFT HEART SYNDROME



ECHOCARDIogram

- HYPOPLASTIC LV
- MV + AV ABNORMALITY
- ASD

