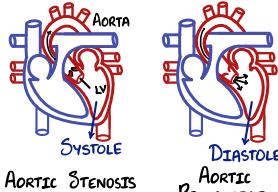
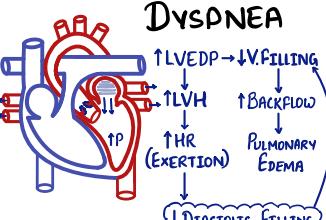


CAUSES

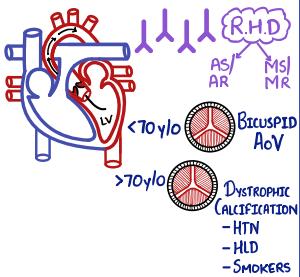


CLINICAL FEATURES & PHYSICAL EXAM

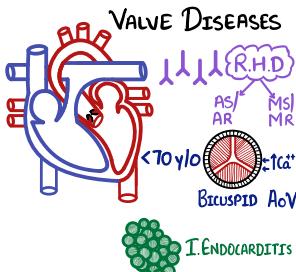
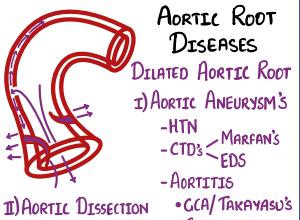
AORTIC STENOSIS



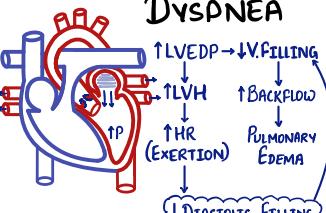
AORTIC STENOSIS



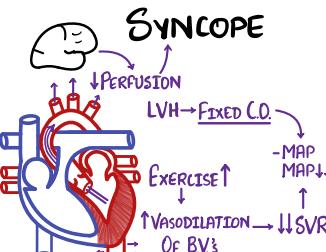
AORTIC REGURGITATION



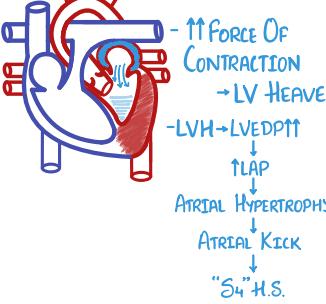
AORTIC STENOSIS



SYNCOPE

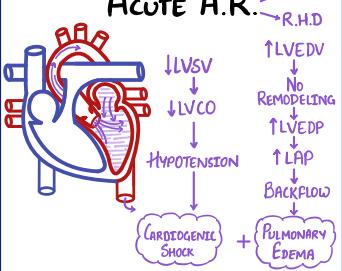


L.V.H.

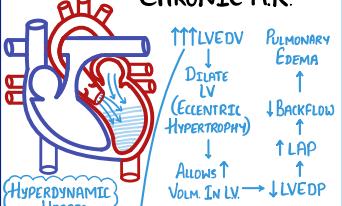


AORTIC REGURGITATION

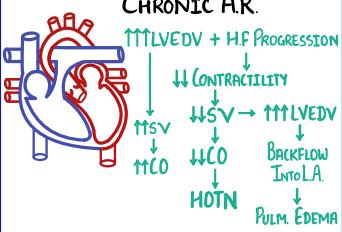
ACUTE A.R.



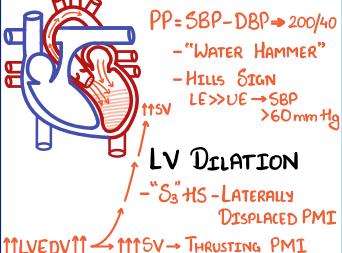
CHRONIC A.R.



DECOMPENSATED CHRONIC A.R.

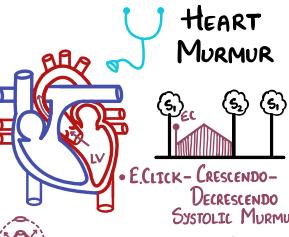


WIDE PULSE PRESSURE



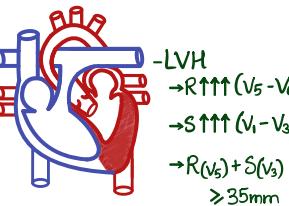
DIAGNOSIS

AORTIC STENOSIS

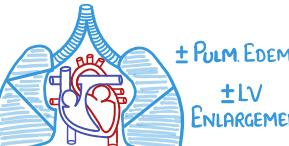


- RUSB (2nd ICS)
- ↑ INTENSITY → VR ↑
- EXPIRATION
- ↓ AFTERLOAD

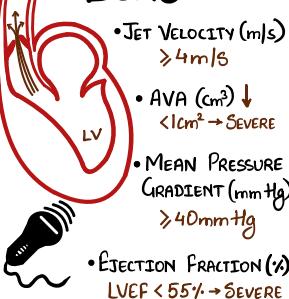
ECG



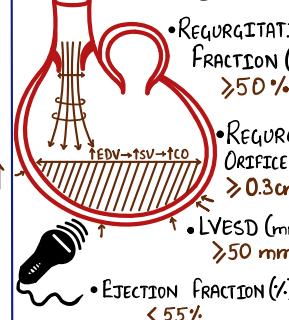
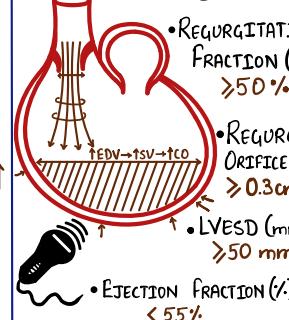
CXR



ECHO



ECHO

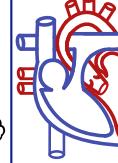


TREATMENT

AORTIC STENOSIS

MEDICAL MANAGEMENT (MILD-MOD. A.S.)

- AVOID VENODILATOR → ↓ PRELOAD → ↓ SV
- AVOID BB/CCB → ↓ HR + ↑ CONTRACTILITY → ↓ SV
- AVOID EXCESSIVE EXERTION
- BE CAUTIOUS w/ VASODILATORS → ↓ SVR → ↓ MAP



PERCUTANEOUS BALLOON VALVULOPLasty

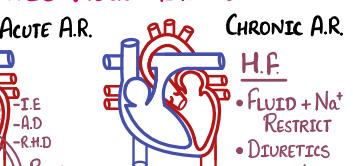
- VS VALVE REPLACEMENT
- ④ Sx + SEVERE A.S.
 - ↑ JET VELOCITY
 - ↓ AVR
 - ↑ MEAN ΔP
 - EF < 55%
 - ⑤ No Sx + EF < 55% ± CARDIAC Sx
 - SURGICAL OR TAUR
 - CABG
 - ↓ SURGICAL RISK



BiOPROSTHETIC VALVE

- ↓ THROMBUS
- LIFE LONG AC
- YOUNG
- ↓ BLEEDING RISK
- ↓ RISK OF I.E.

AORTIC REGURGITATION



- H.F.
- FLUID + Na⁺ RESTRICT
- DIURETICS
- ACE-I/ARB's
- BB
- PULM. EDema
- BIPAP
- DIURETICS
- IABP
- STAT → C.I.
- MECHANICAL
- BiOPROSTHETIC

VALVE REPLACEMENT (SURGICAL)