

# NURSING CARE & PATIENT EDUCATION

DIAGNOSED W/ ECHO

**SURGERY:** XENOGRAFT - ANOTHER SPECIES  
ALLOGRAFT - CADAVER  
AUTOGRAFT - PATIENTS OWN

7-10 YRS

INCISION CARE + COMFORT

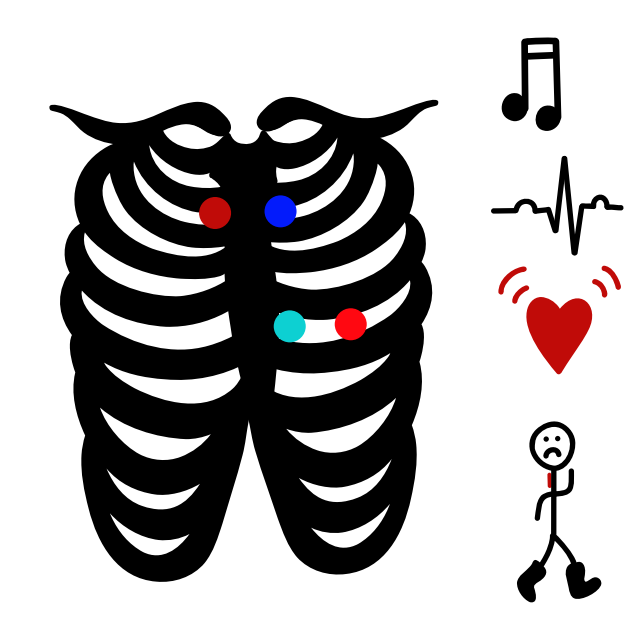
\* LBS IN 1 DAY  
\* LBS IN 1 WEEK

AVOID: NSAIDS, ASA

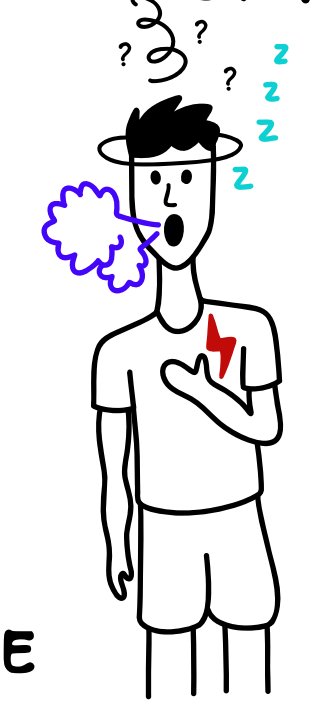
GINKGO BILOBA

-CAFFEINE,  
-ALCOHOL,  
-EPHEDRINE,  
-EPINEPHRINE

## ASSESSMENT:



## SYMPTOMS:



\* EACH PATIENT VARIES W/ EACH CASE

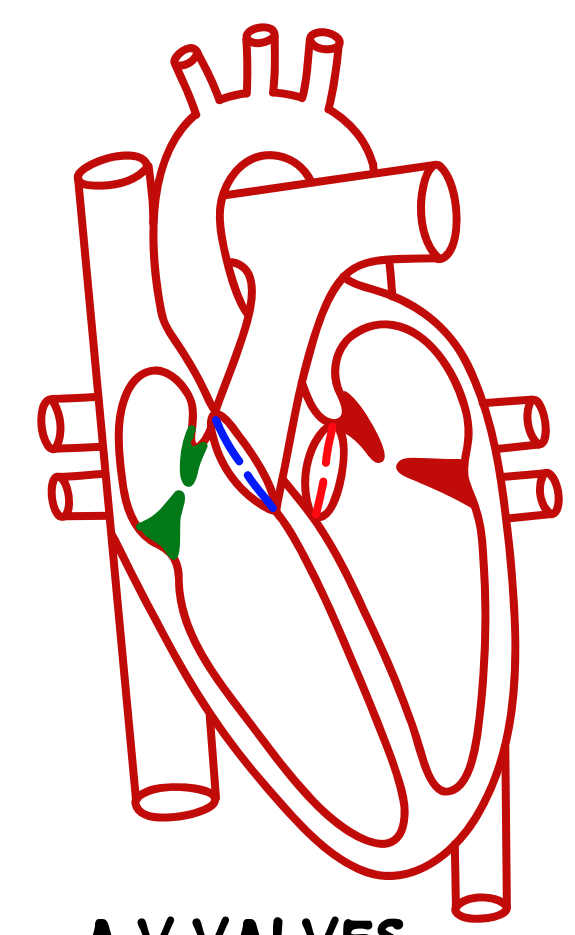
## RISK FACTORS

- HYPERTENSION
- RHEUMATIC FEVER
- CONGENITAL MALFORMATION
- INFECTIVE ENDOCARDITIS
- MARFAN SYNDROME

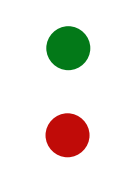
## -HEART VALVES CANNOT

\*OPEN FULLY = STENOSIS

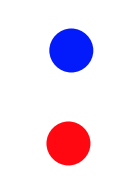
\*CLOSE COMPLETELY = INSUFFICIENCY  
REGURGITATION



A.V. VALVES

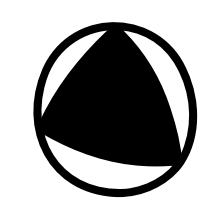


S.L. VALVES

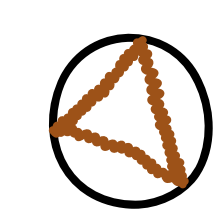


NORMAL

OPEN



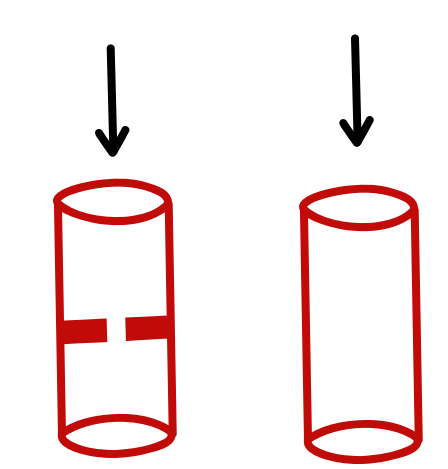
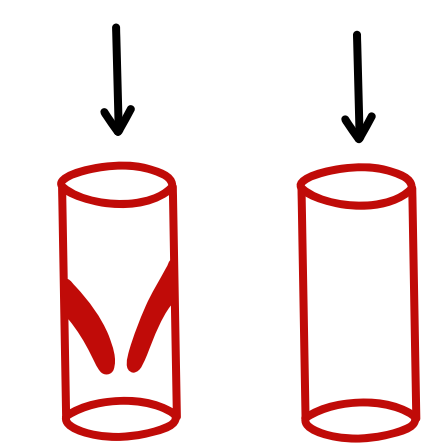
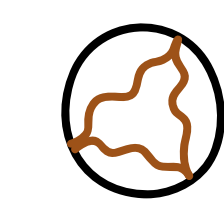
STENOSIS



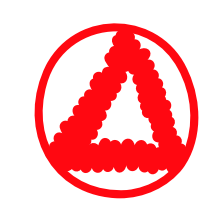
CLOSED



REGURGITATION



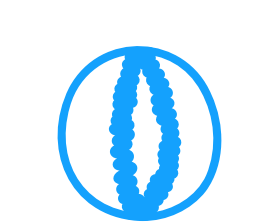
## AORTIC STENOSIS



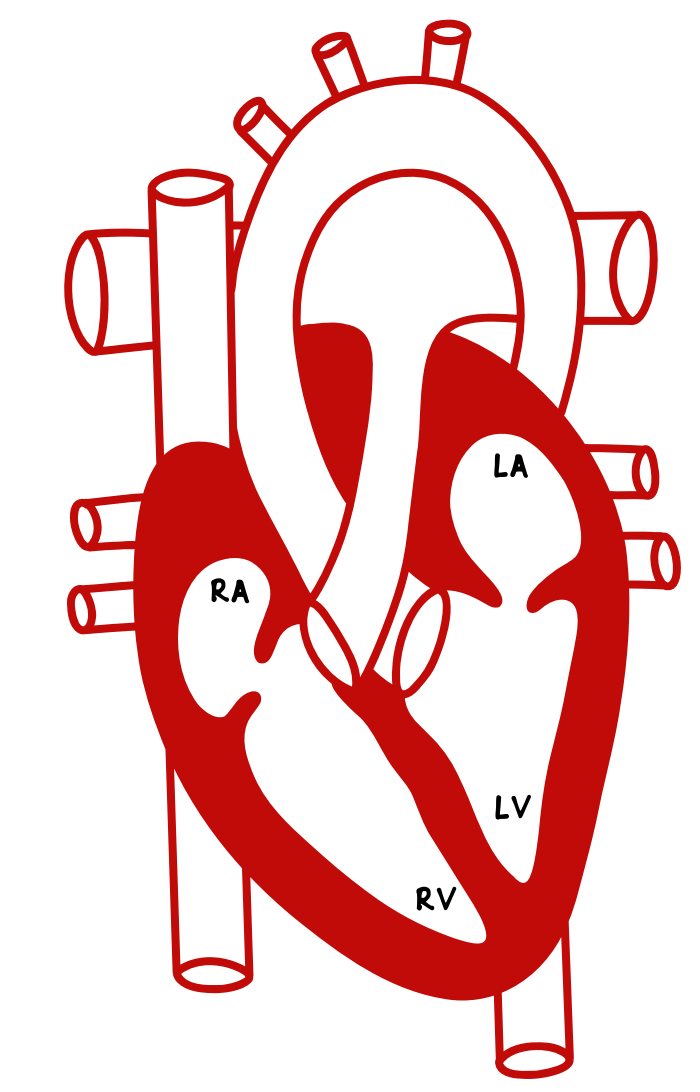
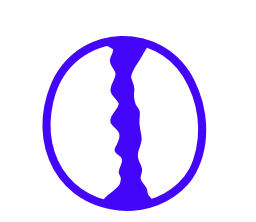
## AORTIC REGURGITATION



## MITRAL STENOSIS



## MITRAL REGURGITATION



CONGENITAL - FROM BIRTH - ALL 4 VALVES

ACQUIRED:

- DEGENERATIVE - OVERTIME, MECHANICAL STRESS
- RHEUMATIC - FIBROTIC/CALCIFICATION CHANGES
- INFECTIVE - INFECTIOUS ORGANISM (STREPTOCOCCAL)

