

ADVANCED HEALTH ASSESSMENT-
CARDIOVASCULAR - ADVANCED HEALTH
ASSESSMENT MIDTERM EXAM NEWEST
ACTUAL EXAM COMPLETE QUESTIONS
AND CORRECT DETAILED ANSWERS

Afterload - CORRECT ANSWER Degree of vascular resistance to ventricular contraction.
Depends on (arteries walls tone)+volume of blood that aorta already had

AHA "ideal CV health" is when - CORRECT ANSWER 7 health behaviors (1.lean body mass,
2.non-smoker, 3.exercising, 4.healthy diet) and 5. total cholesterol <200, 6. BP <120/80, 7. fasting
glucose <100

Anterior tearing or ripping chest pain, may radiate to back or neck indicates... - CORRECT
ANSWER AO dissection

Aortic sounds/murmurs location - CORRECT ANSWER Anywhere: from Right 2ICS to left side-
> to Apex

BP influenced by 4 factors: - CORRECT ANSWER 1. LV stroke volume

2. Distensibility of AO and large arteries

3. PVR (arterial)

4. Volume of blood in arteries

BP is higher in...lower in... - CORRECT ANSWER Systole....diastole

Cervical systolic murmur/bruit - CORRECT ANSWER Normal in kids, but atherosclerotic dz in adults

CO= - CORRECT ANSWER $HR \times SV$ (volume of blood ejected from each ventricle during 1 min)

Displacement of PMI lateral to midclavicular line or >10cm lateral to the midsternal line suggests - CORRECT ANSWER LVH (due to HTN or Aortic stenosis)

During diastole blood flows - CORRECT ANSWER From LA to LV via MV

During systole - CORRECT ANSWER LV contraction, MV closes =S1

ECG consists of - CORRECT ANSWER 12 leads: 6 leads in frontal plane and 6 chest or precordial leads in transverse plane

Electrical impulse slightly precedes the myocardial contraction bc it stimulates it - CORRECT ANSWER

Electrical vectors approaching a lead cause - CORRECT ANSWER Positive/upward deflection

Electrical vectors moving away from the lead cause - CORRECT ANSWER Negative/downward deflection

Factors influencing Arterial pressure - CORRECT ANSWER LV stroke volume

Distensibility of the aorta and the large arteries

PVR, especially at arteriolar level

Amt/volume of blood in the arterial system

HF term is used bc - CORRECT ANSWER Not all pts have volume overload on initial presentation

In some pathological conditions, an early systolic ejection sound (Ej) accompanies... - CORRECT ANSWER The opening of the Aortic valve

JV hum is - CORRECT ANSWER Murmur that's Normal in kids and young adults

JVP= - CORRECT ANSWER Right atrial pressure= CVP+RV end-diastolic pressure

MV sounds at - CORRECT ANSWER Apex

Myocardial contractility depends on - CORRECT ANSWER SNS and decreased when decrease in O₂ to myocardium

Normally, maximal LV pressure corresponds to systolic BP - CORRECT ANSWER

Orthopnea is - CORRECT ANSWER Dyspnea when lying down and better when sits up

Orthopnea occurs in... - CORRECT ANSWER LV HF, mitral stenosis, obstructive lung dz (COPD)

OS = opening snap seen in - CORRECT ANSWER MV stenosis/ diastole (audible closure of MV is pathologic)

P wave is...

Duration ... - ✓✓ CORRECT ANSWER ✓✓ Atrial depolarization

80 millisecon

PR 120-200 msec

Pathological increase in Afterload called - ✓✓ CORRECT ANSWER ✓✓ Pressure overload

Pathological increase in preload called - ✓✓ CORRECT ANSWER ✓✓ Volume overload

PMI > 2.5 is evidence of ... - ✓✓ CORRECT ANSWER ✓✓ LVH (due to HTN or Aortic stenosis)

PND (Paroxysmal Nocturnal Dyspnea) occurs - ✓✓ CORRECT ANSWER ✓✓ LV HF, mitral stenosis, obstructive lung dz (COPD), asthma

Preload - ✓✓ CORRECT ANSWER ✓✓ Load that stretches the myocardium before contraction

Pulmonic sounds/murmurs location - ✓✓ CORRECT ANSWER ✓✓ 2nd & 3rd left ICS

Pulse pressure is - ✓✓ CORRECT ANSWER ✓✓ The difference between Systolic BP and Diastolic BP (120/80: 120-80=40)

Q wave is - ✓✓ CORRECT ANSWER ✓✓ Downward deflection from septal depolarization

R wave - ✓✓ CORRECT ANSWER ✓✓ Upward deflection of ventricular depolarization

RV preload is decreased by - ✓✓ CORRECT ANSWER ✓✓ Exhalation, decreased LV output, pooling of blood in capillaries or veins

RV preload is increased by - ✓✓ CORRECT ANSWER ✓✓ Increase in venous return, HF (pathologic), physiologic: inspiration, exercise