

# **CVS Examination Cheat Sheet**

by hjsdhaj via cheatography.com/201639/cs/42712/

Preperation:		
W	Wash Hands	
I	Introduce Yourself + Patient's Identity	
Р	Permission	
Р	Patient Position + Pain	
Е	Explaination	
Definition of the plant of 450		

#### Patient must be placed at 45°

General Inspection:		
Check visually from the end of the bed:		
Discomfort at rest		
• Tachypnoea		
• Pallor		
Cyanosis		
Surgical Scars		
Medical paraphernalia (e.g. IV infusions)		

Examination of Hands:				
Clubbing:	Place 2 fingernails together and look for Schamroth's sign	Chronic low blood-oxygen levels		
Pale Creases				
Peripheral Cyanosis				
Nicotine Staining				
Splinter haemorrhages:	Small red lines on fingernails that look like a splinter	Tiny clots that damage small capillaries under the nails		
Lesions on fingers:	Tender -> Osler's Lesion (O for ouch))	Endocarditis		
	Not tender -> Janeway's Lesion			

Vitals:		
Capillary Refill:		
Radial Pulse:		
	Compare both radial pulses for evidence of radial delay.	Mention checking for radial-femoral delay.
	Examine for collapsing pulse	Quickly raise patient's arm above their head while measuring their pulse.
Brachial pulse:	Both arms	
Femoral pulse:	Tomoral managed in announcy intering reasonal parco	
Breathing Rate:	Should be examined immedately after taking radial pulse without informing the patient	
Blood Pressure:	Should be measured in both the right and left arms, standing and supine.	For DEM2 you only need to offer to check BP.

	for Schamroth's sign	levels
Pale Creases		
Peripheral Cyanosis		
Nicotine Staining		
Splinter haemorrhages:	Small red lines on fingernails that look like a splinter	Tiny clots that damage small capillaries under the nails
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Examination of Eyes:				
Anaemia:	Pale conjunctiva			

Corneal Lipid deposits that appear as rings on the outer region

its vasodilatory effects

Associated with *mitral valve stenosis* due to the resulting CO2 retention and

Arcus: of the cornea

Examination of the Face:

Plum-red discol-

ouration of the

high cheeks

Malar

Flush:



• Consciousness

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#### **Examination of Eyes: (cont)**

Xanthelasma of hypercholesterolaemia: Pale yellow lump near

eyelid

Examination using fundoscopy should be done in patients with a history of diabetes, hypertension, or endocarditis

### Examination of the Mouth:

Dental Hygiene: Possible cause of bacterial endocarditis

Central Cyanosis: Examine for blue tongue

#### Pulses:

venous

pulse:

Jugular Located between the 2 heads of the

SCM. Measured as cm of water above

the sternal angle.

Must remember to add 5cm to measured distance above sternal

angle.

Difficult to see, may require the use of a torch, abdomino-jugulo reflux can exaggerate the JVP in right sided

heart failure.

Carotid Examine both, however only one at a pulse: time to avoid the patient feeling faint.

In patients over 50 you should listen for carotid

Patient must be

placed at 45°

Comment on character and volume

bruits first.

#### Chest Inspection:

Surgical scars, lift any fat/breast to check under

Check for any pacemaker, etc.

Visible apical pulsation

Audible prosthetic heart valve

Physically feel for the No

heart at apex

Normally 5th intercostal space, left

midclavicular line

Palpate for heaves (using heel of hand) and thrills (finger pads)

### **Chest Auscultation:**

Begin at the apex (Mitral Area) and proceed towards the base of the heart.

#### Must be repeated with both diaphragm and bell.

S<sup>1</sup> Caused by the closing of the atrioventricular valves after blood has been pumped into the ventricles.

S<sup>2</sup> Caused by the closing of the aortic and pulmonary valves after the ventricles have contracted.

S<sup>3</sup>, S<sup>4</sup> Third heart sound can be *normal* (in a younger patient)

Fourth heart sound is always abnormal

Check for radiation to carotid or axilla.

Carotid Whooshing sound in the carotid, caused by non-laminar

bruits: blood flow.

Patient should be manouvered to accentuate murmurs:

Forward in expiration for aortic regurgitation.

Left lateral position in expiration for mitral murmurs.

Heart sounds should be timed by palpating pulse while auscultating.

The interval between S<sup>1</sup> and S<sup>2</sup> is systole.

The interval between  $S^2$  and the next  $S^1$  is when the ventricles relax and are filled with blood, i.e. diastole.

#### **Back of Chest:**

Inspect chest wall for deformities/incisions

Palpate for sacral oedema

Auscultate lung bases for crepitations Pulmonary Oedema

#### **Examination of Feet:**

Popliteal Pulses on both legs

Dorsalis Pedis Pulses in both feet

Posterior Tibial Pulses in both feet

Inspect for Peripheral Oedema: Press for 5sec behind the medial

malleolus and feel for any indent-

ation afterwards

#### Conclusion:

Thank patient and explain that the examination is finished Sanitise Hands



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