

COMPETENCY: 1**PY 2.11 (a) Estimation of haemoglobin by Sahli's method**

Number of times this skill needs to be done to be certified for independent performance = 01.

Checklist for Estimation of Haemoglobin by Sahli's method			
S. No.	Steps to be performed sequentially	Performed Yes/No	MM = 15 Marks Obtained
i.	Explain the procedure and take verbal consent of subject.		
ii.	With the help of a dropper, take N/10 HCl in Sahli's tube up to mark 20%.		
iii.	Under all aseptic conditions give a bold prick on the tip of ring finger of left hand with the help of pricking needle.		
iv.	Wipe off the first drop of blood and suck the blood from the second drop in Hb pipette up to mark 20 cu mm.		
v.	Wipe the tip of the pipette with the help of cotton to remove sticked blood around the tip.		
vi.	Blow out the blood from the pipette in to acid in Sahli's tube and rinse the pipette with the same.		
vii.	Mix the blood in acid with stirrer and wait for 10 minutes.		
viii.	Dilute the mixture by adding distilled water drop by drop till the colour of mixture matches with standard colour in comparator. Each time you have to mix it with help of stirrer after adding the distilled water.		
ix.	Once the colour is matched, lift the stirrer up and note down the reading in Sahli's tube by taking the lower meniscus in consideration.		
x.	Now add one more drop of distilled water and mix it properly. If colour is still matching note down the reading, if it is lighter it shows reading taken before dilution was correct.		
xi.	Reading is expressed in Hb gm/100 ml of blood.		
xii.	Comment on the reading of Hb.		
	Total Marks		

Assessment Card for Procedure—1

S. No.	Attributes to be assessed related to AETCOM	Maximum marks/score	Marks obtained
i.	Behavioral skills	5	
ii.	Communication skills	5	
iii.	Confidence level	5	
Total		15	

S. No.	Attributes to be assessed related to procedure skill and knowledge level	Maximum marks/score	Marks obtained
i.	Procedure skill	10	
ii.	Knowledge level	5	
Total		15	

Final score for AETCOM and Procedure Skill and Knowledge Level

Below satisfactory	Satisfactory	Good	Very good	Excellent
Below 50%	50%	60%	70%	More than 70%

Note: Student has to achieve 50% marks for passing in AETCOM score and procedure skill and knowledge level separately.

Signature of MBBS Student

Date:_____

Signature of Teacher

Date:_____