CAREERS IN MEDICAL LABORATORY SCIENCE
OCCULT BLOOD LAB

Follow along with the presentation to answer the questions below:

I. The slide shows an accident scene. Once the paramedics take the patient to the hospital, name 2 medical personnel that will help care for the patient:

1)_____2)_____

II. Healthcare careers, such as in laboratory sciences, require attention must be given to detail, _____, neatness, cleanliness, and orderliness, because their actions involve human life & well being.

III. The Hemoccult test is a screening test used for the detection of _____ _____ _____.

IV. Where are blood cells made? **In the _____ _____**

V. Name one food that patient's must avoid prior to performing a Hemoccult test. _____

IV. AS DIRECTED, perform a Hemoccult test & document patient and quality control results:

Materials needed: gloves, paper towel, blue/black pen, Hemoccult card, wooden stick, timer **Items to share: Patient sample, Hemoccult developer**

a. Prepare your workstation with test materials. Obtain patient sample. With gloves on, fill in the patient information on the front cover of slide

b. Open the flap (with the patient information area toward you) & proceed:

- Collect a small amount of stool specimen using wooden stick. Apply a very thin smear inside entire box A.
- Reuse applicator (use other side) to obtain another sample from a different part of the stool and apply to Box B.
- Close cover and set timer for 4 minutes.

c. Turn over slide and CAREFULLY remove perforated section to develop test.

d. Apply 2 drops of Hemoccult Developer over each smear. Interpret results within 60 seconds. **Positive = Blue; Negative = No Color change** Record result.

e. Add 1 drop between circle of Performance Monitor (ORANGE BOX). Interpret results within 10 seconds. **Positive = Blue; Negative = No Color change** Record result.

Careers Include: Medical Laboratory Scientist, Medical Laboratory Technician, Phlebotomist, Pathologist, Pathologists' Assistant, Clinical Chemist, Histotechnologist, Cytotechnologist, Technologist in Cytogenetics, Technologist in Molecular Biology, Forensic Scientist, Crime Scene Investigator, & Others!

OCCULT BLOOD LOG SHEET

Date	Time	PATIENT NAME *(last name, first name)*	DOB	Tech	MD	Slide Lot # & Exp. Date	Developer Lot # & Exp. Date	Occult Blood RESULT	Positive Control Result	Negative Control Result