# Fecal and Microscope

# Use alcohol-based hand rub




Yes= 1 point No=0 points

# Apply latex gloves



Yes= 1 point No=0 points

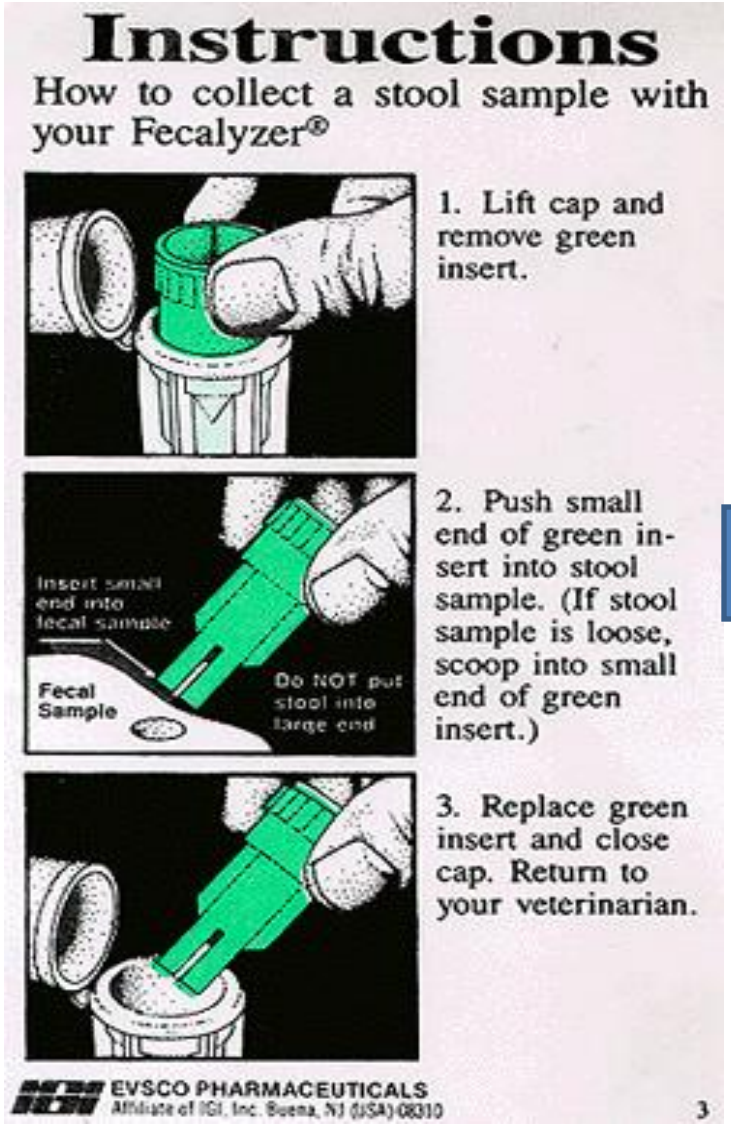
# Assemble Equipment

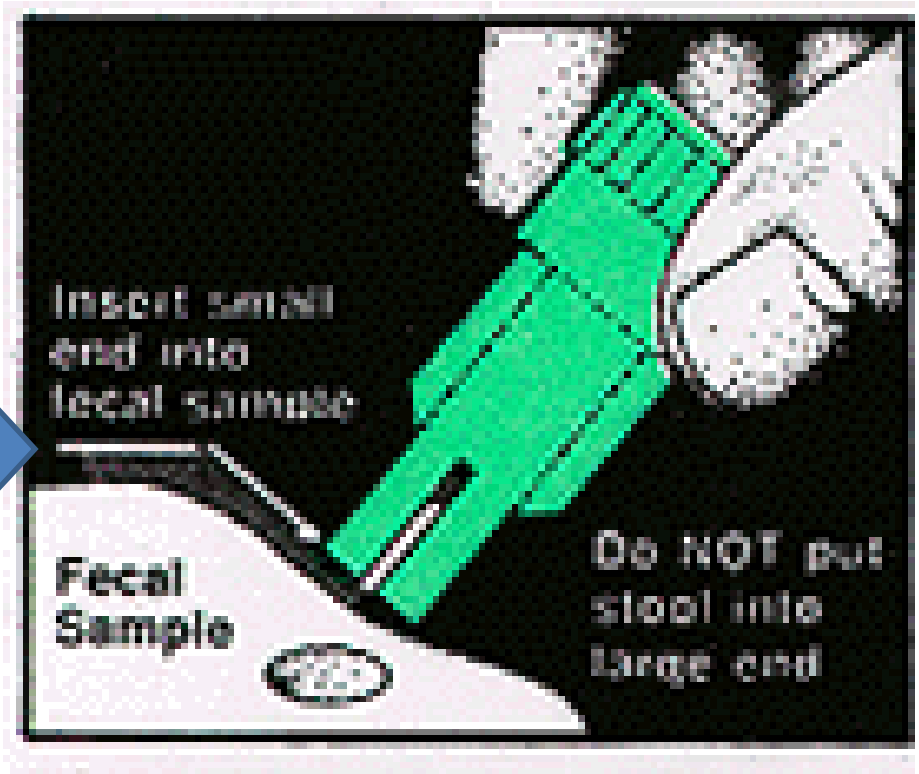
- Paper towel
- Fecalyzer
- Slide
- Cover slip
- Feces
- Fecal float solution
- +/- tongue depressor



Yes= 2 points No=0 points

# Place 2-5 g of feces in fecalyzer base

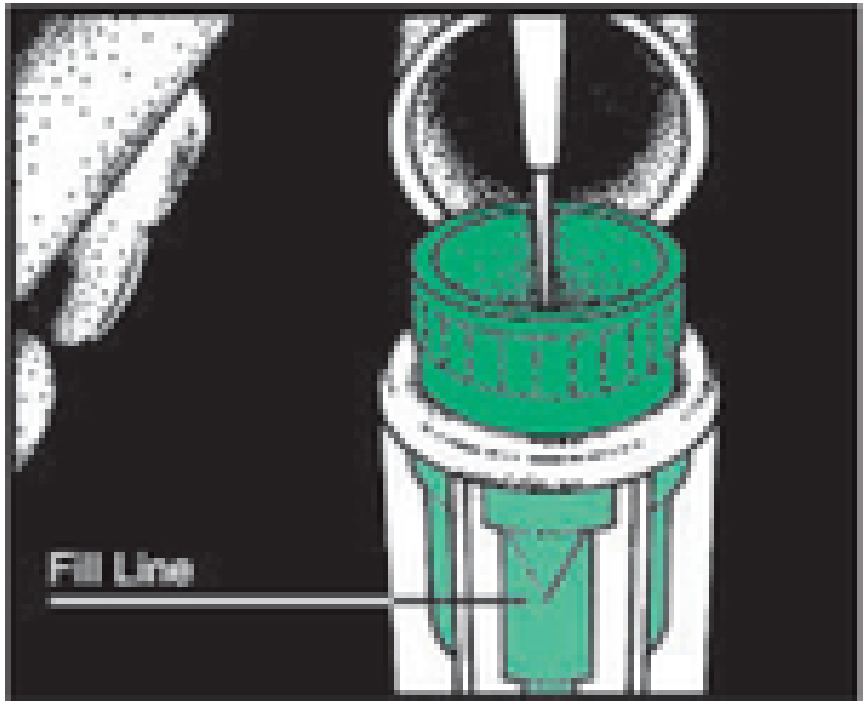



Yes= 3 points

No=0 points

# Add flotation solution up to the arrow (or 1st line if no arrow present)







Look along the side, it is subtle, but you will find a green arrow.
Newer fecalyzers only have lines on them

Yes= 2 points No=0 points

# Rotate colored insert vial to mix

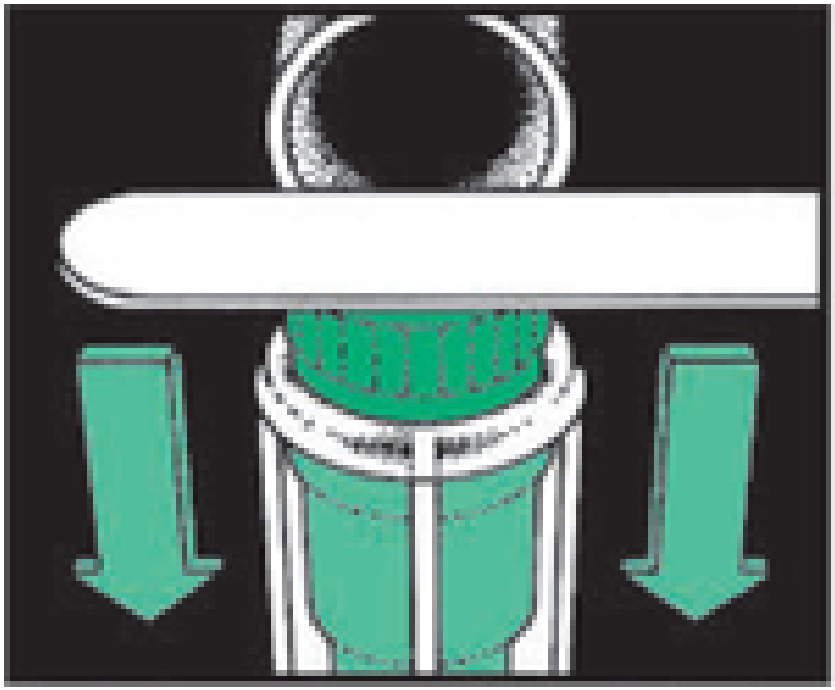


Yes= 2 points No=0 points

# Insert colored vial firmly with tongue depressor or thumb



OR



Yes= 2 points

No=0 points

# Filled the holder completely to form a meniscus with addition flotation solution



** Want a meniscus**




Yes= 2 points

No=0 points

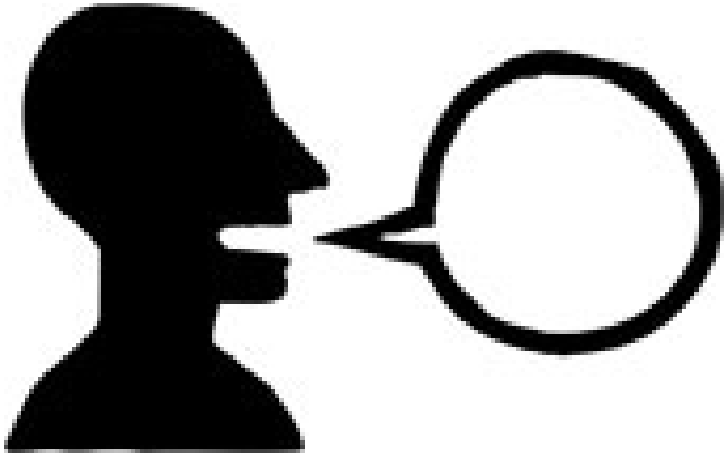
# Placed a cover slip on top of meniscus



Yes= 2 points No=0 points

# Verbalized leaving the cover slip in place for 10-20 minutes

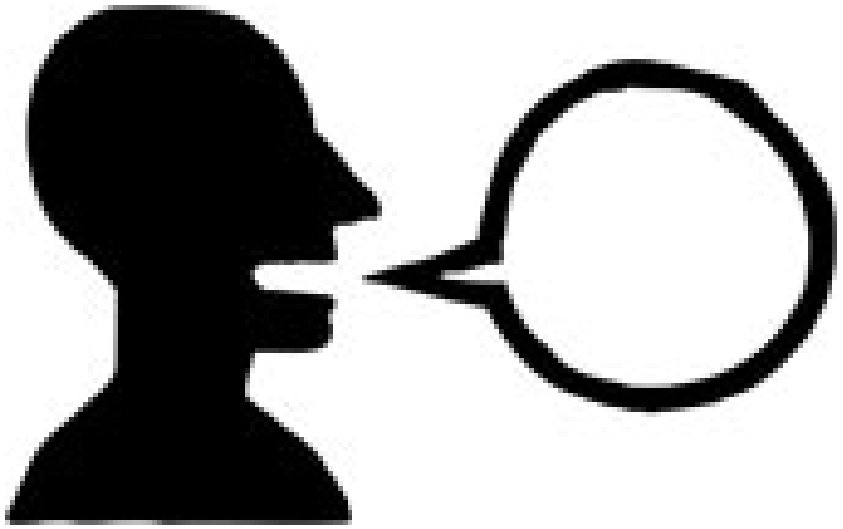
- That's right, just say
  - "the cover slip stays on 10-20 minutes"
- We will not sit and wait that long so once you have said it, move onto the next step



Yes= 2 points No=0 points

# Verbalized to transfer cover slip to slide for microscope examination

- Again, just say
  - "I will transfer the cover slip to the slide to look at it."
- We will get a clean slide for the microscope part



Yes= 2 points No=0 points

# Close cap and dispose of fecalyzer






Yes= 2 points

No=0 points

# Remove gloves and use hand rub






Yes= 2 points No=0 points

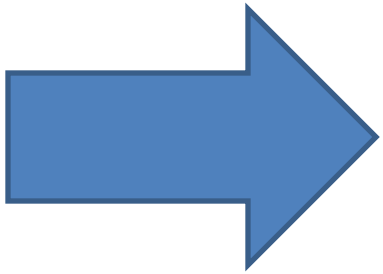
# Total points

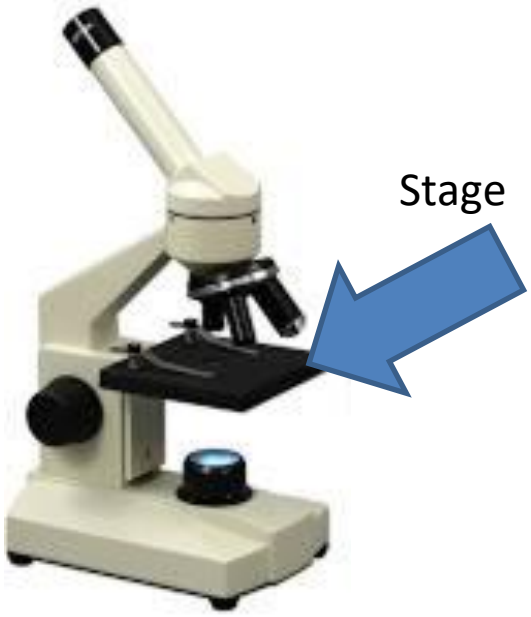
- 25 possible points *2

# Use of Microscope

# Student removes the plastic cover from the microscope; the stage of the microscope should face the user.








**Yes = 2** **Microscope Backwards = 1** **No = 0**

# Student places a slide on the stage AND securing in place






Must secure for full points!

**Yes = 3**

**Not Secured = No = 0**

# Student places projection on LOW power




Yes= 2 point No=0 points

# Student uses the adjustment knob to lower the objective power while looking through eyepiece



Yes= 2 point No=0 points

# Student looks at the stage through the eyepiece while focusing the slide; adjust the focus accordingly



**Yes = 3** **No Adjustment = 1** **No = 0**

# Student Adjusts to a Higher Power Objective, Adjusts the Focus Accordingly



**Yes = 2** **No = 0**

# When complete, the student raises the objective arm away from the slide




Yes= 2 point No=0 points

# Student removes the slide from the microscope stage



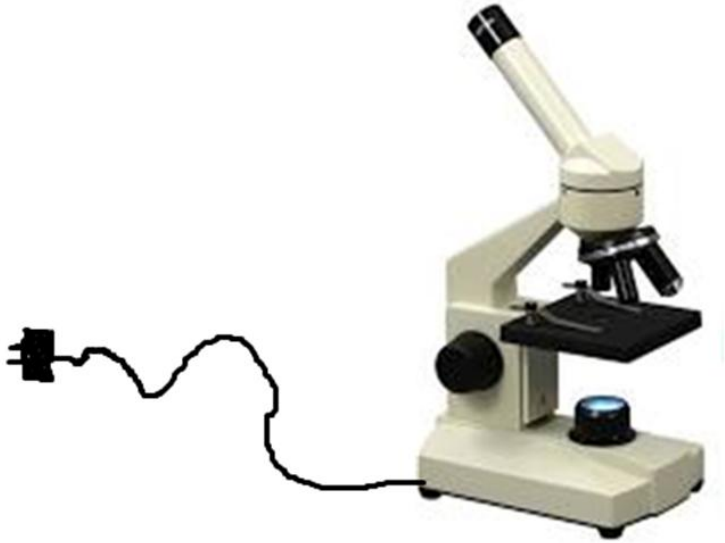
Yes= 2 point No=0 points

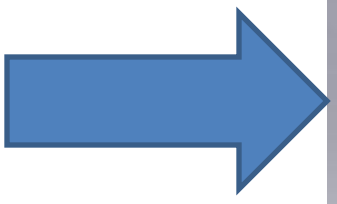
# Student uses a Kimwipe or lens paper to clean objective



Yes= 2 point No=0 points

# Student covers microscope







Yes = 2 No=0

# Student verbalizes steps with judge

Tell the judge what you are doing as you go along.



Yes=3, Verbalizes some=2 or 1, No=0

# Points

- Points from fecal (up to 25)*2
- Points from microscope (up to 25)*2
- Total points possible: 100