

<b>PROCEDURE NO.:</b> <u>SC058</u>	
<b>SUBJECT:</b>	<b>Pinworm Tape Prep Collection</b>
<b>Effective Date:</b>	<u>5/1/02</u>
<b>Supersedes:</b>	<u>New</u>
<b>Medical Director:</b>	<u>Vincent DeRisio, D.O.</u>
<b>Site Medical Director (IRL):</b>	_____
<b>Written By:</b>	<u>Lynn Wolff</u>
<b>Distribution :</b>	<u>Lab Reference Manual</u>
<b>Annual Review:</b>	<u>8/6/07</u>
<b>DATE REMOVED FROM SERVICE:</b>	_____

**All specimen material should be considered potentially hazardous and thereby handled according to practices of Universal Precautions.**

**PINWORM SLIDE SPECIMEN COLLECTION:**

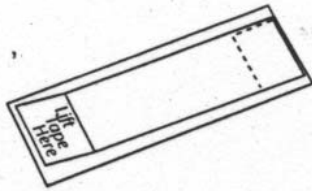
The specimen should be collected early in the morning before the patient arises or uses the restroom. Alternatively the specimen can be collected after the patient has been sleeping for at least one hour.

1. Prepare a collection device. (See illustration on the last page.)
  - a) Using a 1 x 3 inch microscope slide and a 4.5 inch strip of clear (not frosted ) cellophane tape.
  - b) Attach approximately ¼ inch of tape on the unfrosted end of the slide so that it extends from the bottom side, over the edge, and onto the top side.
  - c) Apply the sticky side of the tape to the top, stretching the length of the slide all the way to the frosted edge.
  - d) Form a “tab” in the area of the frosted end by folding approximately ½ inch of the tape back upon itself.

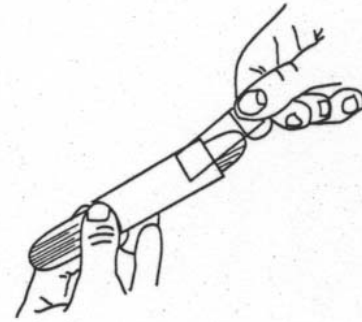
2. Collect the specimen
  - a) Hold the slide against a tongue depressor.
  - b) Peel back the tape from the slide by pulling on the “tab” leaving the small edge of the tape attached to the back side.
  - c) Loop the tape over the end of the depressor to expose the sticky surface.
  - d) Spread the anal folds.
  - e) Touch the sticky side of the tape to the skin around the anus.
  - f) Immediately re-apply the sticky side of the tape to the microscope slide.
  - g) Smooth the tape with cotton or gauze.
3. Place the slide into a cardboard slide mailer and send to the laboratory.

#### **REFERENCES:**

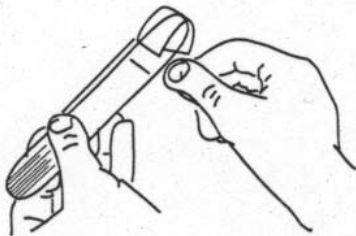
1. Shea, Yvonne, “Specimen Collection and Transport” in Clinical Microbiology Procedures Handbook, ASM Press, Washington 1992.
2. Miller, J. Michael, Specimen Management in Clinical Microbiology, ASM Press, Washington, 1999.
3. Garcia & Bruckner, Diagnostic Parasitology, 2nd Ed. American Society for Microbiology, 1993



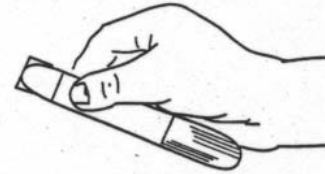
**A** Cellulose tape slide preparation



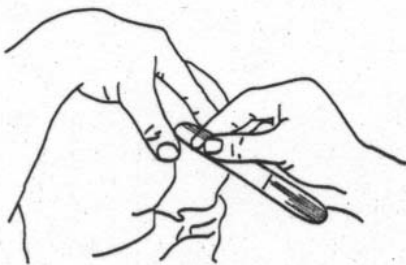
**B** Hold slide against tongue depressor one inch from end and lift long portion of tape from slide



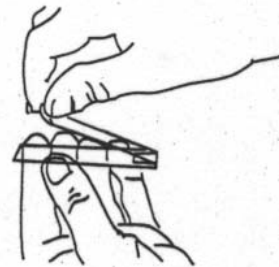
**C** Loop tape over end of depressor to expose gummed surface



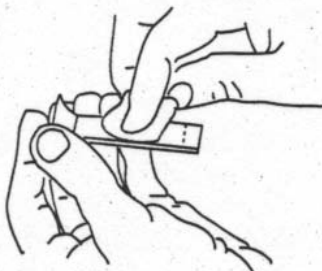
**D** Hold tape and slide against tongue depressor



**E** Press gummed surfaces against several areas of perianal region



**F** Replace tape on slide



**G** Smooth tape with cotton or gauze

**Note:** Specimens are best obtained a few hours after the person has retired, perhaps at 10:00 or 11:00 p.m., or the first thing in the morning before a bowel movement or both.

