

February 25, 2019

AmnioTest™

Nitrazine Testing



Objectives

- Complete this education
- Understand procedure
- Complete quiz
- Complete quiz yearly

Point of Care Testing (POCT)

Requirements of Accreditation Canada indicate:

- All healthcare professionals who perform POCT require an education session, quiz and yearly review
- POCT performed at a bedside with the result leading to possible change in the care of the patient requires the hospital to monitor this practice

AmnioTest™ Nitrazine Swab

- Is a pH-based sterile swab to aid in detecting rupture of amniotic membrane in pregnant women used by qualified medical personnel ONLY
- The swab is impregnated with nitrazine yellow dye. When brought into contact with the upper vagina, the swab absorbs the fluid and develops a colour which correlates with the pH of the absorbed fluid (pH ranges from 5.0 to 7.5)

AmnioTest™ Nitrazine Swab

- Ensure the expiry date has not been reached. The expiry date is listed on the packaging of the swab.
DO NOT use if expired.

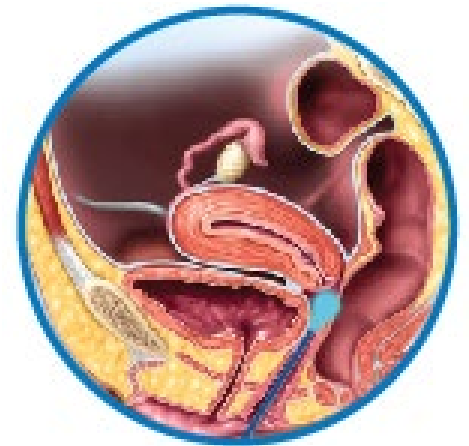
Procedure

1. Remove swab from protective sleeve (keep swab tip dry away from any liquid)



Procedure

2. Part the labia and carefully insert the swab into the vagina
3. Ensure swab tip comes into contact with upper vaginal tissue (posterior vaginal fornix and external cervical os)



Do not use on peri-pad ***

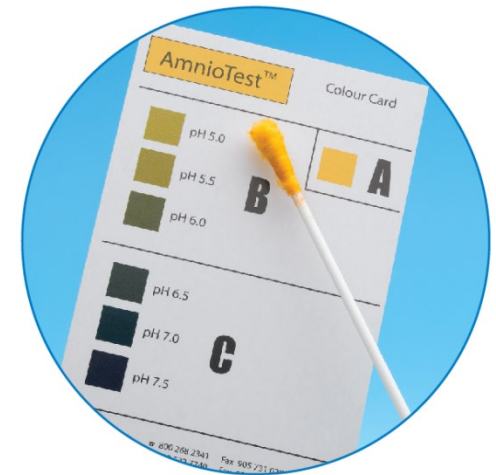
Procedure

3. Allow tip to remain in contact with upper vaginal tissue x **15 seconds**



Procedure

5. Carefully remove swab from vagina and immediately examine colour with AmnioTest™ colour card



Interpretation of Results

6. Determine if predictive pH result as positive (possible membrane rupture) or negative (intact)

Group	Colour	Approximate pH value	Indication Consistent with:
A	Yellow	not applicable	Fresh swabs
B	Yellow/Gold	5.0	Intact Amniotic Membrane
	Yellow/Olive	5.5	
	Olive	6.0	
C	Dark Green	6.5	Possible Ruptured Membrane
	Dark Blue/Green	7.0	
	Navy Blue	7.5 or higher	

Interpretation of Results

- Interference with interpretation of results can occur if swab comes into contact with
 - Blood
 - Semen
 - Infections of vagina
 - Antibiotic therapy



Document

7. On the Obstetrical Assessment Record OAU/Triage
 - Name of person completing test, lot number, and result (+ or -)

TESTS	<input type="checkbox"/> US Done <input type="checkbox"/> BPP: _____
	<input type="checkbox"/> Nitrazine: + / - Lot # _____ 1st Init/Last Name: _____
	<input type="checkbox"/> Ferning: + / -
	Fetal Fibronectin + / -
	<input type="checkbox"/> GBS Vaginal <input type="checkbox"/> C&S Vaginal
	<input type="checkbox"/> R & M Urine <input type="checkbox"/> R & M Urine
	Other:

Reference

Product Code PL.901

Health Canada Approved Instructions For Use:

Retrieved January 4, 2017 from: www.Pro-Lab.com

QUIZ

- Answer the next 5 questions
- Must obtain 80% to pass
- If you do not pass – please see Clinical Educator for further direction



Question 1

Q: When obtaining a swab for use, what important piece of information should be inspected beforehand?

- A. The colour of the packaging
- B. The expiry date
- C. The company's logo
- D. The company's phone number

Question 2

Q: How long should the swab remain in contact with the upper vaginal tissue?

- A. 5 seconds
- B. 10 seconds
- C. 15 seconds
- D. 30 seconds

Question 3

Q: What can interfere with the interpretation of the result?

- A. Blood
- B. Semen
- C. Bacterial vaginosis
- D. All of the above

Question 4

*Q: The swab displays a dark blue/navy colour after use.
What does this mean?*

- A. Possible ruptured membrane
- B. Intact membrane
- C. Swab is bad. Test should be repeated.
- D. None of the above.

Question 5

Q: When the Obstetrical Assessment Record is being completed, what information must be included?

- A. Your name, result, time
- B. Your name, lot number, time
- C. Your name, date, time
- D. Your name, lot number, result

Congratulations!

You have completed the quiz!

