St. John Health Laboratories
Point of Care Testing

pH by AmnioTest
Point of Care Testing

- Clinical testing that is performed outside the laboratory by non-lab associates
- Performed under the laboratory’s CLIA certificate and subject to regulatory guidelines
- Must meet Joint Commission and CAP accreditation standards
Accreditation Requirements

- Initial Training includes:
  - FOB PowerPoint Presentation
  - Exam on Resident Website

- Annual Competency:
  - Take exam(s) on SJ H Learning Institute
    - Compliance Monitored by Dept. Resident Coordinator
Important Note:

- Standard Precautions should be followed during all phases of testing.
- Residents that have difficulty in discerning color should be restricted from performing pH AmnioTest. Occupational Health screens for color blindness.
pH by AmnioTest: Screening Test to detect ruptured membranes

- Swab contains a nitrazine yellow dye which develops color that corresponds to pH.
- Each box contains an AmnioTest Color Card for color comparison.
AmnioTest Swab Storage

- Store at room temperature. Avoid excessive heat.
- Store swab in original, sterile package.
- Expiration date appears on box and each individual swab wrapper.
- QC performed by either nursing or lab.
Specimen Collection

- During pelvic exam, place AmnioTest swab in posterior vaginal fornix without touching mucus plug and allow swab to remain in contact with tissue for **15 seconds.**
Result Interpretation

- After 15 sec., remove swab and immediately compare color of the tip to the color card.
Result Interpretation

- pH 5.0 – 6.0: Suggests intact amniotic membrane
- pH 6.5 – 7.5: Suggests possible membrane rupture
- pH greater than 7.5: May be due to blood or cervical mucous contaminating sample.

*Any patient result that is inconsistent with patient’s clinical condition should be repeated.*
Limitations

False Negatives:

- Improper collection of specimen.
- Membranes ruptured more than 24 hrs. prior to test.
- Leaking of amniotic fluid in small quantities.
Limitations

False Positives:

- Blood, cervical mucous, semen, vaginal infections, alkaline urine or alkaline antiseptics.
Result Documentation

Regulatory Requirements:

Use the H & P section, T-Sheet, POCT Result Form or eCare to document ALL of the following:

pH AmnioTest: Test result/Interpretation
(Example: 6.5 – Ruptured Membrane)

Date:
Time:
Initials: