Hospital-Based Simulation and Competency Assessment Samples: Sexual Assault Examination for Emergency Department Nurses

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BACKGROUND

• 1 in 6 women and 1 in 33 men have experienced an attempted or completed rape in their lifetime

• 9 out of every 10 victims of rape is a woman
BACKGROUND

• Not all hospitals have
  – SANEs
  – Contract with a Sexual Assault Response Teams (SART)
The emergency department nurse is accountable for following all the established protocols with respect to the sexual assault evidence collection.
BACKGROUND

- Allegheny County Crime Lab (2010)
  - Over a 9 month period
  - 72 Total Kits Examined
  - 31 Total Kits with noted issues – Potential to be inadmissible in court
  - 8 Collected by SARTAC nurses
  - 23 Collected by physicians or non SANE nurses
Development of Simulation Class

• Development based on literature reviews, research study and nursing request for training

• ALL supported: nurses with specialized training prepared the sexual assault kits more accurate and complete than did Physicians or nurse that have not had training.
Development of Simulation Class

• **Benner’s Novice to Expert Model of Skill Attainment**
  – Novice
  – Advanced Beginner
  – Proficient
  – Competent
  – Expert
Development of Simulation Class

• Instructor- SANE-A
• Participants- Any Emergency Department RN with in UPMC
• Class is not intended for SANE nurses, but may attend as a refresher.
• Class intended as a “band aid” for the wide deficit of SANE nurses in EDs
• 4 CEUs for attending and participating
Development of Simulation Class

FORMAT of CLASS

• 7:30-8:00 Arrival: Activate Quiz
  Fill out Wiser Paperwork
  Get Red Box Sexual Assault Box from ED

• 8:00-8:30 Introductions: Presenters and Participants
  Bathrooms
  Explain Pre/Post Test-Take Pre test
  Please hold all question until after each module is presented

• 8:30-9:15 Introduction Video
  Module 1 – 5 min
  Module 2 – 5 min
  Module 3 – 20 min
  Module 4 – 15 min
Development of Simulation Class

FORMAT of CLASS

• 9:15-9:40 Video - 25 min
• 9:40-9:50 Break – 10 min
• 9:50-10:40 Module 6 – 20 min
  Modules 7-10 – 30 min
• 10:40-11:20 Simulation Scenario –40 min
• 11:20-11:30 Debriefing –10 min
• 11:30-12:00 Post Test/ Post Test review
Development of Simulation Class

CLASS CONTENT

Introduction – Module 1
• 1. Video – 5 minute video from Deb Shane RN, BSN, SANE-A – Program Director of SARTAC – The importance of collecting forensic evidence correctly
• 2. Who is a Forensic Nurse?
• 3. Who is a Victim?
• 4. Discussion

Health/Safety Precautions – Module 2
• 1. Handling Body Fluids
• 2. Handling Clothing
• 3. Plastic or Latex gloves
• 4. Discussion
Development of Simulation Class

CLASS CONTENT

Paperwork – Module 3
• 1. Informed Consent
• 2. Review of the New Paperwork
• 3. Physical Exam Documentation
• 4. Discussion

Sexual Assault Kit – Module 4
• 1. What is in the sexual assault kit
• 2. Video – How to set up the sexual assault kit correctly
• 3. Discussion
Development of Simulation Class

CLASS CONTENT

Reporting and Interviewing – Module 5
• 1. Legal obligation
• 2. How to report
• 3. What is important in the interview
• 4. Discussion

Photographs- Module 6
• 1. Recommendation for all sexual assault cases
• 2. How to photograph an injury
• 3. How to document an injury
• 4. How to label a photograph
• 5. Discussion
Development of Simulation Class

CLASS CONTENT

Collection of Forensic Evidence Part 1—Module 7

• 1. Purpose of Collection
• 2. Clothing Evidence
• 3. Swabs and Smears
• 4. Dried Secretions
• 5. Oral Swabs and Smears
• 6. Buccal Swabs
• 7. Vaginal Swabs and Smears
• 8. Discussion
Development of Simulation Class

CLASS CONTENT

Collection of Forensic Evidence Part 2 – Module 8
- 1. Penile Swabs and Smears
- 2. Anal Swabs and Smears
- 3. Bite Mark Evidence
- 4. Hair Evidence
- 5. Fingernail Evidence
- 6. Debris
- 7. Miscellaneous Evidence
- 8. Discussion
Development of Simulation Class

CLASS CONTENT

Packaging – Module 9
• 1. Type of Containers
• 2. Labeling and documentation of containers
• 3. What should be INCLUDED in the kit
• 4. What should NOT be included in the kit
• 5. Discussion

Chain of Custody – Module 10
• 1. The proper procedure for release of evidence
• 2. Discussion
IMPACT on NURSING PRACTICE

- Sexual assault evidence collection is a mandatory yearly competency for ED nurses
- Three UPMC Emergency Departments have adapted this course as their initial and annual competency training
- Additional UPMC Emergency Departments are using this course as initial training for new nurses
IMPACT on NURSING PRACTICE

• The course is offered the 2nd Tuesday of every month at UPMC Passavant Wiser Center
IMPACT on NURSING PRACTICE

• Benefits of simulation for SANE training
  – If not part of an active SART, limited clinical training
  – Training is available as an online course.
  – Some areas may only have one or two SANEs
  – Limited number of cases to maintain competency
NURSING FEEDBACK

• Training has increased the nurses knowledge of evidence collection as evident by pre and post test scores
• Nurses confidence level in evidence collection has increased as evident by evaluation remarks
• Nursing feedback after simulation training has been positive regarding the use of standardized patients as models vs manikans
DISCUSSION

Thank You!