



INTERNATIONAL ASSOCIATION OF
Forensic Nurses

Leadership. Care. Expertise.

Sexual
Assault
Nurse
Examiner
(SANE)
**EDUCATION
GUIDELINES**



INTERNATIONAL ASSOCIATION OF
Forensic Nurses

Leadership. Care. Expertise.

Sexual
Assault
Nurse
Examiner
(SANE)

EDUCATION
GUIDELINES

2015 Guidelines Review and Revision Committee

C. Jill Poarch, BSN, RN, SANE-A, SANE-P (Chair 2013)

Kim Wieczorek, MSN, RN, SANE-A, SANE-P (Chair 2012)

Jennifer Pierce-Weeks, RN, SANE-A, SANE-P (Edits 2015)

Eileen Allen, MSN, RN, FN-CSA, SANE-A, SANE-P

Joan Carson, BSN, RN, SANE-A, SANE-P

Renee Collette, BSN, BA, RN, SANE-A, SANE-P

Carol Klamsr, DNP, FNP-BC, AFN, SANE-A

Jennifer Meyer, BSN, RN, SANE-A, SANE-P

Stacey A. Mitchell, DNP, MBA, RN, SANE-A, SANE-P

Alison Rerko, BSN, RN, SANE-A, SANE-P

Valerie Sievers, MSN, RN, CNS, CEN, SANE-A, SANE-P

Judy Waldman, MN, RN, SANE-A, SANE-P

Kathleen Maguire, BSN, BS, JD, RN (Editor)



Contents

Introduction.....	1
Purpose of the Guidelines.....	1
Section I	3
Defining Patient Populations	3
Theoretical Framework	4
Instructional Methodologies	5
(SANE) Education Requirements (Overview)	7
Instructors for Adult/Adolescent Patient Populations	8
Instructors for Pediatric/Adolescent Patient Populations.....	9
Section II	11
Adult/Adolescent Didactic Content.....	11
Sexual Violence	11
Adult/Adolescent Didactic Content Target Competencies	12
Adult/Adolescent Clinical Preceptorship Content.....	27
Section II References.....	31
Section III	35
Pediatric/Adolescent Didactic Content	35
Child Sexual Abuse	35
Pediatric/Adolescent Didactic Content Target Competencies.....	36
Pediatric/Adolescent Clinical Preceptorship Content	54
Section III References.....	58

Introduction

The primary purpose of the International Association of Forensic Nurses *Sexual Assault Nurse Examiner (SANE) Education Guidelines* is to help the sexual assault nurse examiner meet the medicolegal needs of those who have been affected by sexual violence, including individual patients, families, communities, and systems. Registered nurses who perform medicolegal-forensic evaluations must receive additional and specific didactic and clinical preparation to care for adult, adolescent, and pediatric patients following sexual violence or assault. The sexual assault nurse examiner practicing within recommendations set forth in the *Sexual Assault Nurse Examiner (SANE) Education Guidelines* uses the nursing process and applies established evidence-based standards of forensic nursing practice to ensure that all patients reporting sexual violence and victimization receive competent medicolegal-forensic evaluation, taking into consideration developmental, cultural, racial, ethnic, sexual, and socioeconomic diversity.

The *Sexual Assault Nurse Examiner (SANE) Education Guidelines* set forth the *minimum* level of instruction for each key target competency in the adult/adolescent and/or pediatric/adolescent populations, while allowing for flexibility to meet the educational needs of registered nurses in diverse practice settings and communities. At this time, most sexual assault nurse examiners are trained and practice within the United States and, therefore, some of the content included in these guidelines is limited to application in the United States.

Purpose of the Guidelines

The purpose of the *Sexual Assault Nurse Examiner (SANE) Education Guidelines* is to:

1. Identify the standardized, evidence-based body of scientific knowledge necessary for the comprehensive medical-forensic evaluation of the patient who has experienced sexually assault or abuse;
2. Summarize the concept, development, function, and collaboration of the multidisciplinary team as it relates to sexual violence response; and
3. Summarize sexual assault nurse examiner professional practice issues.

Section I

Defining Patient Populations

For the purpose of this document, the term “sexual assault nurse examiner” (SANE) refers to a forensic nurse who has specialized training in caring for adult/adolescent and/or pediatric/adolescent patients following sexual assault.

Whether trained as an adult/adolescent SANE, a pediatric/adolescent SANE, or both, the nurse should have a clear understanding of factors that influence the nursing process and the subsequent provision of care to individuals following sexual violence, including:

1. Age
2. Gender
3. Language skills
4. Physiological development
5. Sexual maturation
6. Psychosocial skills
7. Cognitive skills
8. Sexual orientation
9. Moral, ethical, and legal considerations
10. Spiritual beliefs and practices
11. Cultural influences
12. Health priorities
13. Confounding life and/or family issues

For the purpose of this document, developmental age periods are defined in Table 1.0. The adult/adolescent didactic and clinical guidelines provide key target competencies regarding postpubertal patients (defined as the onset of menses in females and the advent of secondary sex characteristics in males) and postmenopausal and other older adult patients. The pediatric/adolescent didactic and clinical guidelines provide key target competencies regarding prepubertal and adolescent patients up to 18 years of age.

TABLE 1.0 DEVELOPMENTAL AGE PERIODS

<p>Each child grows at his or her own unique and personal way. Great individual variation exists in the age at which developmental milestones are reached. The sequence is predictable; the exact timing is not.... Adolescence, which literally means to “grow into maturity,” is generally regarded as the psychologic, social, and maturational process initiated by the pubertal changes. (Hockenberry & Wilson, 2013, pp. 66, 477).</p>		
Developmental Age Periods	Prenatal	Conception to birth
	Infancy	Birth to 12 months <i>Neonate – Birth to 28 days</i> <i>Infant – 1 to 12 months</i>
	Early Childhood	1 to 6 years <i>Toddler – 1 to 3 years</i> <i>Preschool – 3 to 6 years</i>
	Middle Childhood	6 to 11 or 12 years <i>School age</i>
	Later Childhood	11 to 18 years <i>Prepubertal – 10 to 13 years</i> <i>Adolescence – 13 to 18 years</i>
	Adult	18 years and over (Hockenberry & Wilson, 2013)

THEORETICAL FRAMEWORK

The International Association of Forensic Nurses Education Guidelines Task Force discussed several nursing theories upon which to base the *Sexual Assault Nurse Examiner (SANE) Education Guidelines*. Consensus was reached to use both Sister Callista Roy’s Adaptation Model of Nursing and Dr. Patricia Benner’s From Novice to Expert Theory as the theoretical frameworks. Each theory is summarized below along with its application to the *Sexual Assault Nurse Examiner (SANE) Education Guidelines*.

I. Roy’s Adaptation Model of Nursing:

The Task Force found Sister Callista Roy’s Adaptation Model of Nursing to most accurately depict the forensic nursing process. According to Roy’s model, the individual is a “bio-psycho-social being in constant interaction with a changing environment” (Nursing Theory, 2013). Viewing people as individuals and in groups, such as communities and families, is a major component of the model. SANE educational courses identify the patient as an individual and as part of a family or community system, which is affected by all forms of violence. Roy focuses on the nursing process as a way to identify the patient’s needs and formulate a plan of care. The nursing process is the foundation for SANE practice. The nurse assesses the patient’s needs and responses, identifies nursing diagnoses with clear steps for behavioral outcomes (Boston College, 2013) and formulates a plan of care, which he or she implements and evaluates.

The *Sexual Assault Nurse Examiner (SANE) Education Guidelines* incorporate the nursing process as the framework for teaching. This specialized training prepares the SANE to provide holistic care and determine appropriate nursing diagnoses and interventions based on the individual patient’s needs as well as the needs of the patient’s family and community. Roy’s key concepts of person, environment, health, and nursing form the basis of the care that SANEs provide to their patients (Nursing Theory, 2013). Each concept influences the other and nursing practice serves as the overarching component for facilitating the healing process.

II. Benner's From Novice to Expert Theory

Dr. Patricia Benner conceptualized how expert nurses develop skills and understanding of patient care not only through education but also through experiences. Her seminal 1984 work, *From Novice to Expert; Excellence and Power in Clinical Nursing Practice*, outlines the process by which a nurse progresses from novice to expert. Benner's theory proposes an approach to the learning process that highlights the importance of clinical experience as an extension of practical knowledge. Experience is a prerequisite for expertise. Benner uses the theory to describe how nurses progress through five levels; novice, advanced beginner, competent, proficient, and expert.

An expert nurse is able to integrate a variety of information and practical nursing tasks related to patient care into a meaningful whole. To apply this theory to SANE training, expert nurse mentors or preceptors develop the training and curriculum of the novice SANE and identify implications for teaching and learning at each level.

SANEs use substantial analytical and critical thinking skills as well as intuition in many aspects of clinical care of patients following sexual assault. SANEs must identify, analyze, and intervene in a variety of complex situations and patient conditions that may be new to the novice SANE. It is impossible to teach every condition and circumstance that a SANE may encounter. The development of critical thinking skills is what supplements technical knowledge. Preceptor roles must be developed to convey this experiential knowledge to novice SANEs. Real-life scenarios or clinical narratives may also convey this knowledge and can be used to deepen the understanding of clinical practice that cannot be otherwise quantified.

Not all of the knowledge embedded in expertise can be captured in theoretical propositions, or with analytic strategies that depend on identifying all the elements that go into the decision. However, the intentions, expectations, meanings, and outcomes of expert practice can be captured by interpretive descriptions of actual practice (Benner, 1984, p. 4).

Developing expert SANE practice is essential for providing quality care to patients following sexual assault. The skills of an expert nurse are best imparted through clinical experience, whereby the expert shares complex and critical nursing decisions and communication abilities. A novice nurse initially will rely on the technical "black and white" knowledge gained through textbooks and training. Only with experience will these nurses move from task-oriented skills to the more "gray" areas encountered when caring for sexual assault patient populations. As nurses progress, they move from skills such as forensic evidence collection and physical examination to developing a strong therapeutic relationship, understanding and managing psychological reactions and mental health concerns, and integrating complex and numerous sources of information (medical, forensic, psychological, legal, social, political) to provide a holistic view of the patient.

The *SANE Education Guidelines* capitalize on the process of experiential learning and support and sustain expert clinicians as preceptors who will tailor the teaching and learning of the novice SANE to his or her unique needs.

INSTRUCTIONAL METHODOLOGIES

Nurses attending continuing education courses learn in a variety of ways. Knowles's theory informs the process of adult learners. This theory states that active involvement is key to the learning process. The active learner retains more information, more readily sees the applicability of that information, and learns more quickly. Knowles assumes that the learner must be self-directed, knows the reason that he or she needs to know the information, and brings a different type and quality of experience (Amerson, 2001; Atherton, 2011).

Participants in sexual assault nurse examiner education courses are motivated learners. They have decided to expand their knowledge base to become educated in providing specialized care to patients who have experienced sexual violence. However, not all adults learn in the same manner. Instructors may use a variety of mediums to design and deliver a curriculum to the students.

Key to developing SANE training based on these guidelines is the course planner's understanding that didactic training involves lecture and textbook instruction regarding the specific content areas rather than demonstration or laboratory study. Demonstration and simulation-based learning is a critical component to training the SANE as well, but should be utilized for the clinical course expectations rather than the didactic.

■ ■ ■ **Classroom Education:**

Traditionally, basic SANE education content has been delivered in the classroom setting. Students attend the didactic portion whereby an instructor presents information. This method offers several advantages. First, many participants are comfortable with the traditional classroom environment. It affords an active, conversational setting whereby instructors and peers have the opportunity to network and learn from each other (Anderson, 2012; University of Connecticut, n.d.). Questions are answered immediately and the instructor clarifies content so many benefit from the explanation. Another advantage is the structure provided by the classroom (Anderson, 2012). The course is delivered on specific dates at predetermined times. Finally, few technology demands exist in the classroom setting. Computer skills are rarely required. The main disadvantage to this approach is that the instructor may not be able to accommodate the learning style of each participant (Michael, 2009) or the attendee may have difficulty securing the time off necessary for live attendance. Each person learns and retains information in a different manner: by listening, seeing, or doing. This consideration should be noted when delivering the curriculum in this format.

■ ■ ■ **Web-Based Education:**

A growing trend in education has been the development of web-based programs or courses that are available on the Internet. Evidence has shown the effectiveness of Internet learning as documented in medical education (Ruiz, 2006). Message boards, teleconferencing, and chats make collaborative learning more readily available. Ruiz (2006) writes that studies in collaborative learning have shown higher levels of learning satisfaction, improvements in knowledge and self-awareness, and an enhanced understanding of concepts, course objectives, and changes in practice. This type of curriculum delivery allows large numbers of participants to benefit from the learning opportunity. Students complete course requirements at their own pace within a given time frame. The major disadvantage is that the face-to-face interaction with instructors and peers is lost because of a separation of time and space (University of Connecticut, n.d.). Effective time management skills are required for this type of learning, which may discourage some from excelling.

■ ■ ■ **Simulation:**

Simulation has become an increasingly popular tool in nursing education (Sanford, 2010). The use of simulation includes mechanical simulators ("sim-man"), role playing with standardized patients, scenario settings, and case studies. This type of learning has shown to increase patient safety and decrease errors, improve clinical judgment, and is useful for evaluating specific skills (Harder, 2010). However, limited research exists in nursing regarding the outcomes of using simulation in nursing education (Sanford, 2010). In one study by Lasater (2007), students reported benefit from merging didactic information with hands-on practice and from experiencing various scenarios in a controlled environment before practicing in the clinical arena. In addition, this type of activity helps students develop better critical thinking skills (Sanford, 2010). Disadvantages to using simulation include the amount of time required to set up a simulation laboratory, create scenarios, and plan for role plays (Sanford, 2010). When mechanical simulators are used, patient reactions to procedures are lost (Lasater, 2007). The use of simulation to teach and evaluate skills associated with conducting the medical-forensic sexual assault examination may be incorporated into the curriculum, but may not replace the expected hours of didactic content. The simulation must be structured. Clear objectives with set scenarios and methods for evaluating student performance based upon the established objectives are essential. A process for providing feedback to the student must be developed

and consistently used (International Nursing Association for Clinical Simulation & Learning, 2011). To address the student's action or inaction in the simulation environment, the instructors should be thoroughly familiar with the scenarios. Successful simulation sessions require much preparation and cannot be loosely organized. Consultation with educators who use various methods of simulation is highly recommended.

SEXUAL ASSAULT NURSE EXAMINER (SANE) EDUCATION REQUIREMENTS (OVERVIEW)

■ ■ ■ Coursework Content

The coursework requirements identified in this section provide the minimum course hours necessary to meet the SANE training eligibility requirements to apply to sit for the Commission for Forensic Nursing Certification examinations. Programs should be designed as a basic course for those new to the field of forensic nursing and the specialized area of caring for sexual assault patients in the role of the sexual assault nurse examiner. Regardless of didactic course delivery method (live, online, etc.) or type (Adolescent/Adult, Pediatric/Adolescent, or Combined Pediatric/Adolescent/Adult), the course in its entirety should be considered one educational offering and not take longer than 15 weeks to complete. Participants should receive a completion certificate granting the number of contact hours in nursing outlined below or the academic equivalent¹. Additionally, it should be clear on the final course certificate that the participant completed a Sexual Assault Nurse Examiner or Sexual Assault Forensic Examiner program and identify the appropriate population addressed (Adolescent/Adult, Pediatric/Adolescent, or Combined Pediatric/Adolescent/Adult). Detailed components of the didactic and clinical training can be found later in this document.

I. Adult/Adolescent

- A minimum of 40 hours of didactic coursework that yields 40 continuing nursing education contact hours, or academic credit or the national equivalent from an accredited educational institution; and
- Clinical components, including simulated clinical experiences, are completed in addition to the coursework and are not calculated as a part of the 40 hours.

II. Pediatric/Adolescent

- A minimum of 40 hours of didactic coursework that yields 40 continuing nursing education contact hours, or academic credit or the national equivalent from an accredited educational institution; and
- Clinical components, including simulated clinical experiences, are completed in addition to the coursework and are not calculated as a part of the 40 hours.

III. Combination Adult/Adolescent and Pediatric/Adolescent

- A minimum of 64 hours of didactic coursework that yields 64 continuing nursing education contact hours, or academic credit or the national equivalent from an accredited educational institution; and
- Clinical components, including simulated clinical experiences, are completed in addition to the coursework and are not calculated as a part of the 64 hours.

Each course must provide nursing contact hours, nursing academic credits, or a national equivalent that demonstrates proof of hours and course content.

¹1 semester hour = 15 contact hours; 1 quarter hour = 12.5 contact hours <http://www.nursecredentialing.org/Certification/CertificationRenewal/RenewalFAQs>

RECOMMENDATIONS FOR INSTRUCTORS

Sexual assault nurse examiner course instructors are challenged with designing and teaching a high-quality course that meets all objectives. It is recommended that various mediums be used when presenting course material. Blended learning involves using multiple forms of instruction to meet the needs of the students (Yuen, 2011). For example, instructors could present lectures, but have students prepare for the course in advance by completing some lessons via a web-based connection. Classroom didactics should ideally use a combination of slide presentations, videos, discussion, case studies, and lecture. Students should be encouraged to discuss the concepts as they apply to actual cases involving forensic health care.

Simulation may be used to teach and reinforce tasks associated with the medical-forensic examination, such as anogenital inspection, speculum insertion, evidence packaging, etc. The medical-forensic examination may be simulated with either live models or mechanical simulators. Care should be given to the development and evaluation of the scenario content and objectives.

Simulated medical-forensic examinations should not be used exclusively for teaching or evaluating clinical skills. Precepted examinations are an essential component to ensure that the student is ready to perform an adequate examination independently. Limited information is available regarding how much simulation should be used in relation to actual precepted patient care. The National Council of State Boards of Nursing (NCSBN) (2005) documents that the ratio of simulation to direct care clinical experiences varies throughout nursing schools in the United States. The NCSBN position paper recommends using a blend to evaluate student mastery of clinical tasks. This is also a recommendation for sexual assault nurse examiner education.

Students may best master basic technical skills under structured guidance during simulation. Skill at interacting with a patient in a clinical setting, particularly establishing competence in gathering a medical-forensic history, may be enhanced through actual precepted examinations on patients affected by sexual assault.

Regardless how the courses are conveyed, instructors must consider the variables associated with teaching the adult learner and develop content designed to overcome challenges associated with different styles of learning (seeing, doing, and reading). By using a variety of methods, the instructor will engage students and enhance the learning experience.

INSTRUCTORS FOR ADULT/ADOLESCENT PATIENT POPULATIONS

The Association recognizes the importance of having both core faculty members and multidisciplinary content experts provide instructional content during an adult/adolescent SANE educational program. Core faculty members are defined as those individuals who are primarily responsible for structuring, providing, and evaluating the content associated with the educational offering. Multidisciplinary content experts are individuals who provide specific educational content in their respective area of expertise and may include but are not limited to ancillary experts in nursing, other health-care disciplines, law enforcement, forensic science, social services, advocacy, or the judicial community. Listed below are the guidelines for the core faculty member(s) and the multidisciplinary content expert(s):

I. Core faculty member(s) recommendations:

- Holds current, active, and unrestricted registered nursing licensure with his or her respective Board of Nursing or other appropriate governing body
- Has successfully completed the didactic and clinical requirements associated with an adult/adolescent SANE training
- Demonstrates active participation in continuing education relevant to caring for adult/adolescent sexual assault patient populations

- At least one core faculty member holds a current IAFN SANE-A® certification
- At least one core faculty member demonstrates expert clinical competency by:
 - Engaging in active clinical practice in the care of adult/adolescent sexual assault patient populations, and
 - Having at least five years of experience in caring for adult/adolescent sexual assault patient populations (Benner, 1984)
- At least one core faculty member demonstrates expertise in providing instructional content to the adult learner

II. Multidisciplinary content expert(s) recommendations:

- Demonstrates the ability to present instructional content effectively (ANCC, 2013)
- Demonstrates content expertise as indicated by:
 - Recent experience in the specialty area (ANCC, 2013)
 - Advanced professional development that signifies expertise in the specific content area (ANCC, 2013) and/or
 - Certification in the specialty area (ANCC, 2013) and/or
 - Academic preparation in the specialty area (ANCC, 2013)

INSTRUCTORS FOR PEDIATRIC/ADOLESCENT PATIENT POPULATIONS

The Association recognizes the importance of having both core faculty members and multidisciplinary content experts provide instructional content during a pediatric/adolescent SANE educational program. Core faculty members are defined as those individuals who are primarily responsible for structuring, providing, and evaluating the content associated with the educational offering. Multidisciplinary content experts are individuals who provide specific educational content in their respective area of expertise and may include but are not limited to ancillary experts in nursing, other healthcare disciplines, law enforcement, forensic science, social services, advocacy, or the judicial community. Listed below are the guidelines for the core faculty member(s) and the multidisciplinary content expert(s):

I. Core faculty member(s) recommendations:

- Holds current, active, and unrestricted registered nursing licensure with his or her respective Board of Nursing or other appropriate governing body
- Has successfully completed the didactic and clinical requirements associated with a pediatric/adolescent SANE training
- Demonstrates active participation in continuing education relevant to caring for pediatric/adolescent sexual assault patient populations
- At least one core faculty member holds a current IAFN SANE-P® certification
- At least one core faculty member demonstrates expert clinical competency by:
 - Engaging in active clinical practice in the care of pediatric/adolescent sexual assault patient populations, and
 - Having at least five years of experience in caring for pediatric/adolescent sexual assault patient populations (Benner, 1984)
- At least one core faculty member demonstrates expertise in providing instructional content to the adult learner

II. Multidisciplinary content expert(s) recommendations:

- Demonstrates the ability to present instructional content effectively (ANCC, 2013)
- Demonstrates content expertise as indicated by:
 - Recent experience in the specialty area (ANCC, 2013)
 - Advanced professional development that signifies expertise in the specific content area (ANCC, 2013) and/or
 - Certification in the specialty area (ANCC, 2013) and/or
 - Academic preparation in the specialty area (ANCC, 2013)

SETTING UP YOUR COURSE (AT A GLANCE)

Course Type	Didactic	Clinical
Adult /Adolescent	<ul style="list-style-type: none"> • Final issued certificate equals 40 contact hours in nursing or the academic course equivalent • Delivered as one educational offering 	Evaluated and deemed competent at the local level in the adult/adolescent clinical objectives
Pediatric /Adolescent	<ul style="list-style-type: none"> • Final issued certificate equals 40 contact hours in nursing or the academic course equivalent • Delivered as one educational offering 	Evaluated and deemed competent at the local level in the pediatric/adolescent clinical objectives
Combined Pediatric/ Adolescent /Adult	<ul style="list-style-type: none"> • Final issued certificate equals 64 contact hours in nursing or the academic course equivalent • Delivered as one educational offering 	Evaluated and deemed competent at the local level in the pediatric/adolescent /adult clinical objectives



Section II

Adult/Adolescent Sexual Assault Nurse Examiner (SANE) EDUCATION GUIDELINES

ADULT/ADOLESCENT DIDACTIC CONTENT

SEXUAL VIOLENCE

The World Health Organization (WHO) (2010) defines “sexual violence” as “any sexual act, attempt to obtain a sexual act, unwanted sexual comments or advances or acts to traffic, or otherwise directed against a person’s sexuality using coercion, by any person regardless of their relationship to the victim, in any setting including but not limited to home and work” (p. 11). Worldwide sexual violence takes many forms and may include but is not limited to rape, sexual harassment, sexual assault/abuse, forced or coerced marriage or cohabitation, genital mutilation and forced prostitution or trafficking for the purpose of sexual exploitation (WHO, 2002). Sexual violence may include intimate partner violence. The WHO (2010) defines “intimate partner violence” as “behavior within an intimate relationship that causes physical, sexual or psychological harm, including acts of physical aggression, sexual coercion, psychological abuse and controlling behaviors” (p. 11).

In a multicountry study conducted by the WHO, the prevalence rate of sexual violence by a partner ranged from 6% to 59% and by a non-partner from 0.3% to 11.5% in subjects up to 49 years of age. In the same study, 3% to 24% of the subjects reported that their first sexual experience was forced and occurred during adolescence. Among women, prevalence rates for sexual and/or physical violence involving an intimate partner across the lifespan range from 15% to 71% of women. Although limited in number, other studies support similar or higher prevalence rates for physical and sexual intimate partner violence in same-sex relationships (WHO, 2010). In a systematic review of 75 studies, the prevalence rate of sexual violence across the lifespan for lesbian or bisexual women ranged from 15.6% to 85% and for gay or bisexual men from 11.8% to 54% (Rothman, Exner, & Baughman, 2011). Limited studies address the prevalence rates of intimate partner and sexual violence in adult males; those that exist are problematic given that most experts believe available statistics drastically under-represent the number of male rape victims. In studies from developed countries, 5% to 10% of men report a history of male child sexual abuse (WHO, 2002).

Numerous consequences are associated with sexual violence. Sexual violence in childhood and adolescence is significantly associated with higher rates of health risks and health-risk behaviors in both males and females. In adulthood, intimate partner and sexual violence is associated with higher prevalence rates of unintended pregnancies, abortions and pregnancy complications, sexually transmitted infections, mental health disorders, and suicide. In addition, children of women who experience intimate partner or sexual violence are more likely to have poorer overall health and educational outcomes and behavioral and emotional disturbances associated with perpetrating or experiencing violence themselves later in life (WHO, 2010).

Risk factors associated with intimate partner or sexual violence victimization include but are not limited to young age, lower socioeconomic status, exposure to maltreatment as a child, mental health disorders, alcohol and/or illicit drug use, weak or absent support systems within the community, and societal support of violence (WHO, 2010).

ADULT/ADOLESCENT DIDACTIC CONTENT TARGET COMPETENCIES

The following content framework is designed to provide the adult/adolescent SANE with the minimum target competencies to demonstrate the cognitive, affective, and psychomotor skills needed to use the nursing process in caring for adult and adolescent patients following sexual violence. The target competencies provide adult/adolescent SANEs from a variety of professional practice backgrounds with the foundational knowledge and critical thinking skills necessary to provide holistic, comprehensive care to adult and adolescent sexual assault patient populations. Each key target competency contains measureable outcome criteria that follow the steps of the nursing process, including assessment, diagnosis, outcome identification, planning, implementation, and evaluation.

Key Target Didactic Competencies:

1. Overview of Forensic Nursing and Sexual Violence
2. Victim Responses and Crisis Intervention
3. Collaborating with Community Agencies
4. Medicolegal History Taking
5. Observing and Assessing Physical Examination Findings
6. Medicolegal Specimen Collection
7. Medicolegal Photography
8. Sexually Transmitted Infection Testing and Prophylaxis
9. Pregnancy Testing and Prophylaxis
10. Medicolegal Documentation
11. Discharge and Follow-Up Planning
12. Legal Considerations and Judicial Proceedings

I. Overview of Forensic Nursing and Sexual Violence

A. Forensic Nursing Overview

These competencies describe the role of the adult/adolescent SANE in incorporating fundamental forensic principles and practices into the nursing process when providing care for adult and adolescent patients following sexual assault.

- Describe the history and evolution of forensic nursing
- Identify the role of the adult/adolescent SANE in caring for adult and adolescent sexual assault patient populations
- Describe the role of the adult/adolescent SANE as applied to sexual violence education and prevention
- Identify the role of the International Association of Forensic Nurses in establishing the scope and standards of forensic nursing practice
- Discuss key aspects of *Forensic Nursing: Scope and Standards of Practice*
- Discuss professional and ethical conduct as they relate to adult/adolescent SANE practice and the care of adult and adolescent sexual assault patient populations,

including the ethical principles of autonomy, beneficence, non-maleficence, veracity, confidentiality, and justice

- Identify nursing resources, locally and globally, that contribute to current and competent adult/adolescent SANE practice
- Define “vicarious trauma”
- Identify methods for preventing vicarious trauma associated with adult/adolescent SANE practice
- Discuss key concepts associated with the use of evidence-based practice in the care of adult and adolescent sexual assault patient populations

B. Sexual Violence

These competencies describe the dynamics of sexual violence, providing context for the care of adult and adolescent patients following sexual assault. The adult/adolescent SANE uses this knowledge to educate patients about the connection between violence and health, and to collaborate with patients in identifying appropriate interventions and community referrals.

- Define and identify the types of sexual violence
- Define and identify the types of intimate partner violence (IPV)
- Outline global incidence and prevalence rates for sexual violence and IPV in the female and male adolescent and adult populations
- Identify risk factors for sexual violence and IPV
- Discuss the health consequences of sexual violence and IPV to include physical, psychosocial, cultural, and socioeconomic sequelae
- Identify underserved sexual assault populations and associated prevalence rates, including but not limited to:
 - Men
 - Inmates
 - GLBTIQ (gay, lesbian, bisexual, transgender, intersex, questioning/queer)
 - Adolescents
 - Elders
 - Patients with disabilities
 - Culturally diverse populations
 - Mental health populations
 - Patients with language/communication barriers
- Describe nursing challenges unique to providing care to underserved sexual assault patient populations
- Discuss best practices for improving forensic nursing care provided to underserved patient populations
- Differentiate myths from facts regarding sexual violence and IPV in adult and adolescent patient populations
- Identify key concepts associated with offender typology and the related effect on sexual assault patient populations
- Discuss the difference between the minor and adult patient populations as related to adult and adolescent sexual violence

- Select appropriate nursing diagnoses for adult and adolescent patients following sexual assault as to their risk for problems related to sexual violence

Example: Knowledge deficit regarding risk factors for sexual violence

Example: Anxiety related to cultural stigma associated with sexual violence

II. Victim Responses and Crisis Intervention

These competencies describe the psychosocial impact of sexual violence on adult and adolescent patient populations, thereby providing the adult/adolescent SANE with the foundational knowledge needed to appropriately assess, plan, implement, and evaluate care as well as collaborate with patients in identifying appropriate community referrals.

- Identify common psychosocial responses to sexual violence and IPV in adult and adolescent populations
- Discuss the acute and long-term psychosocial ramifications associated with sexual violence and IPV
- Describe the emotional and psychological responses and sequelae following sexual violence, including traumatic and stress-related disorders applicable to adult and adolescent sexual violence patient populations
- Identify key components of a suicide risk assessment
- Identify key components of a safety risk assessment
- Identify risk factors for acute and chronic psychosocial sequelae in adult and adolescent patients following sexual violence and IPV
- Discuss an awareness of common concerns regarding reporting to law enforcement officials following sexual violence/IPV and potential psychosocial ramifications associated with this decision
- Define culturally competent, holistic care of adult and adolescent sexual assault patients, based on objective and subjective assessment data, patient-centered outcomes, and patient tolerance
- Identify risk factors for non-adherence in adult and adolescent patient populations following sexual violence
- Recognize the diverse psychosocial issues associated with underserved sexual violence patient populations, including but not limited to:
 - Men
 - Inmates
 - GLBTIQ
 - Adolescents
 - Patients with disabilities
 - Culturally diverse populations
 - Mental health populations
 - Patients with language/communication barriers
- Select appropriate nursing diagnoses applicable to adult and adolescent patients at risk for actual or potential psychosocial sequelae following sexual assault
 - Example: Emotional and psychological trauma related to an episode of sexual violence*
 - Example: Risk for self-harm related to alterations in self-concept following an episode of sexual violence*

- Structure the development of patient outcomes, interventions, and evaluation criteria designed to address actual or potential psychosocial problems based on the patient's chronological age, developmental status, identified priorities, and tolerance
- Recognize effective techniques and strategies for interacting with adult and adolescent patients and their families following a disclosure of sexual violence, including but not limited to:
 - Empathetic and reflective listening
 - Maintaining dignity and privacy
 - Facilitating participation and control
 - Respecting autonomy
 - Maintaining examiner objectivity and professionalism

III. Collaborating with Community Agencies

These competencies are designed to provide the adult/adolescent SANE with the foundational knowledge to effectively interact and collaborate with multidisciplinary team members involved in the care of adult and adolescent patients following sexual violence.

- Comprehend the sexual assault response team (SART), including:
 - Overview of roles and responsibilities
 - SART models
 - Strategies for implementing and sustaining a SART
 - Benefits
- Discuss the roles and responsibilities of the following multidisciplinary SART members as they relate to adult and adolescent sexual violence:
 - Victim advocates (community- and system-based)
 - Forensic-medicolegal examiners (adult/adolescent SANEs, death investigators, coroners, medical examiners, forensic nurse consultants)
 - Law enforcement officials
 - Prosecuting attorneys
 - Defense attorneys
 - Forensic scientists
 - Social service agency personnel
- Discuss key strategies for initiating and maintaining effective communication and collaboration between multidisciplinary SART members

IV. Medicolegal History Taking

These competencies are designed to provide the adult/adolescent SANE with the necessary skills to accurately, objectively, and concisely obtain medicolegal information associated with an adult or adolescent sexual assault.

- Recognize the key components of medicolegal history taking associated with an adult/adolescent sexual assault, including but not limited to:
 - Past medical history
 1. Allergies
 2. Medications
 3. Recreational drug use
 4. Medical/surgical history

5. Vaccination status

Anogenital-urinary history

1. Last consensual intercourse
2. Pregnancy history
3. Contraception usage
4. Last menstrual period

Event history

1. Actual/attempted acts
 2. Date and time of event
 3. Location of event
 4. Assailant information
 5. Use of weapons/restraints/threats
 6. Use of recording device (photographs or video of event)
 7. Suspected drug-facilitated sexual assault
 8. Condom use
 9. Ejaculation
 10. Pain or bleeding associated with acts
 11. Physical assault
 12. Strangulation
 13. Potential destruction of evidence
- Identify techniques for establishing rapport and facilitating disclosure, while considering the patient's age, developmental level, tolerance, and gender and cultural differences
 - Select appropriate nursing diagnoses applicable to medicolegal history taking in adult and adolescent patients following a sexual assault

Example: Impaired communication related to psychological barriers associated with disclosure of event history

V. Observing and Assessing Physical Examination Findings

These competencies outline the role of the adult/adolescent SANE in assessing and identifying physical findings, including potential mechanisms of injury in adult and adolescent patients following a sexual assault. The adult/adolescent SANE is responsible for using evidence-based practice as a framework for identifying and interpreting physical findings and for ensuring that adult and adolescent patients receive holistic, comprehensive care that focuses on evidentiary, nursing, and medical priorities and practices.

- Summarize the ability to prioritize a comprehensive head-to-toe physical assessment that is age, gender, developmentally, and culturally appropriate, while considering the patient's tolerance, including:
 - Assessing the patient's general appearance, demeanor, cognition, and mental status
 - Assessing clothing and other personal possessions
 - Assessing body surfaces for physical findings
 - Assessing anogenital structures
 - Assessing sexual maturation
 - Assessing the impact of estrogen on anogenital structures

- Define mechanical and physical trauma and identify types of each
 - Blunt force
 - Sharp force
 - Gunshot wounds
- Define terminology associated with mechanical and physical trauma findings, including but not limited to:
 - Abrasion
 - Laceration/tear
 - Cut/incision
 - Bruise/contusion
 - Hematoma
 - Swelling/edema
 - Redness/erythema
 - Petechiae
- Identify normal anogenital anatomy and physiology, including but not limited to:
 - Normal anatomical variants
 - Types and patterns of injury that are potentially related to sexual assault
 - Physical findings and medical conditions or nonassault-related trauma that can be misinterpreted as resulting from a sexual assault
- Describe a multi-method approach for identifying and confirming physical findings, which may include:
 - Positioning
 - Labial separation/traction
 - Sterile water irrigation
 - Colposcopic visualization
 - Toluidine blue dye application
 - Urinary catheter technique
 - Peer review/expert consultation
- Identify current evidence-based references and healthcare practice guidelines for the care of the adult and adolescent patient who has experienced sexual assault
- Apply, analyze, and synthesize current evidence-based practice when planning care for adult and adolescent sexual assault patient populations
- Establish, communicate, evaluate, and revise individualized short- and long-term goals based on the physiological, psychological, sociocultural, spiritual, and economic needs of the adult and adolescent patient who has experienced sexual assault
- Select appropriate nursing diagnoses applicable to the identification of physical findings following a sexual assault
 - Example: Impaired skin integrity related to anogenital trauma following a sexual assault*
 - Example: Pain related to physical findings following a sexual assault*
- Use critical thinking skills and evidence-based practice to analyze potential mechanisms of injury for anogenital and non-anogenital findings, including recognizing findings that may be the result of medical conditions or disease processes

- Prioritize care based on assessment data and patient-centered goals
- Identify the need for medical consultation and trauma intervention when indicated

VI. Medicolegal Evidence Collection

These competencies describe the role of the adult/adolescent SANE in employing a patient-centered approach to the biologic and trace evidentiary needs of adult and adolescent victims and suspects.

A. Patient (Victim)-Centered Care

- Recognize the importance of patient participation and collaboration in evidence collection procedures as a means of recovering from sexual violence
- Outline evidence collection options available within the community to the adult and adolescent patient who has experienced sexual assault, including:
 - Reporting to law enforcement officials
 - Non-reporting/anonymous evidence collection
 - Medical evaluation and treatment
- Define time limits of collection of biological evidence following a sexual assault
- Identify and describe the types of evidence that can be collected in the adult and adolescent patient following a sexual assault, based on the event history, including but not limited to:
 - DNA evidence
 - Trace/non-biological evidence
 - History documentation
 - Physical findings identification and documentation
 - Medicolegal photography
 - Toxicology
- Define the chain of custody and explain procedures for maintaining
- Articulate history of drug-facilitated sexual assault (DFSA) and identify current trends, describe criteria associated with a risk assessment for DFSA, and identify when appropriate evidence collection procedures are warranted
- Identify patient concerns and myths regarding evidence collection
- Articulate an awareness of the potential risks and benefits to the patient associated with evidence collection
- Identify adjuncts to assist with the identification and collection of potential sources of biologic and trace evidentiary specimens, and an awareness of the appropriate use of each of the following tools and associated risks and benefits, including but not limited to:
 - Alternate light sources
 - Wet to dry technique
 - Speculum insertion
 - Colposcopy
 - Anoscopy
- Critically appraise data regarding the assault to facilitate complete and comprehensive examination and evidence collection
- Select appropriate nursing diagnoses applicable to the collection of biologic and trace evidentiary specimens following a reported sexual assault

Example: Knowledge deficit related to the time frame associated with obtaining evidentiary results

- Identify current evidence-based practice guidelines for the identification, collection, and preservation of biologic and trace evidence specimens following sexual assault
- Apply, analyze, and synthesize current evidence-based practice when planning evidentiary procedures
- Identify appropriate materials and equipment needed for biologic and trace evidence collection
- Identify techniques to support the patient and minimize the potential for additional trauma during evidence collection procedures
- Identify techniques to facilitate patient participation during evidence collection procedures
- Discuss the ability to evaluate the effectiveness of the established plan of care and associated evidentiary procedures and modify or adapt the plan based on changes in data collected throughout the nursing process

B. Patient (Suspect)-Centered Care

- Outline the differences in victim and suspect examination and evidence collection following a sexual assault
- Define the legal authorization needed to obtain evidentiary specimens and examine a suspect, including:
 - Written consent
 - Search warrant
 - Court order
- Describe components of a suspect examination
- Define time limits of collection of biological evidence in the suspect of a sexual assault
- Identify and describe the types of evidence that can be collected in the examination of a suspect following sexual assault, including but not limited to:
 - DNA evidence
 - Trace/non-biological evidence
 - Physical findings identification and documentation
 - Medicolegal photography
 - Toxicology
- Collect and analyze data regarding the reported assault to facilitate complete and comprehensive examination and evidence collection in the suspect of a sexual assault
- Discuss measures to prevent cross-contamination if the examination and/or evidence collection of the victim and suspect is performed in the same facility or by the same examiner
- Demonstrate the ability to evaluate the effectiveness of the established plan of care and modify or adapt care based on changes in data collected throughout the nursing process

VII. Medicolegal Photography

These competencies demonstrate the adult/adolescent SANE's ability to accurately and objectively document physical and evidentiary findings in adult and adolescent sexual assault patient populations through the use of medicolegal photography.

- Accurately identify physical findings that warrant medicolegal photographic documentation
- Accurately identify biologic and/or trace evidentiary findings that warrant medicolegal photographic documentation
- Collect and analyze data regarding the physiological, psychological, sociocultural, and spiritual needs of adult/adolescent patients following sexual assault that warrants medicolegal photography
- Select appropriate nursing diagnoses applicable to adult/adolescent patients following sexual assault that warrants medicolegal photography

Example: Anxiety related to disturbances in self-concept when confronted with using medicolegal photographs in investigative and judicial procedures

- Outline different options for obtaining medicolegal photographs to include colposcopic images, 35mm, and digital equipment
- Identify how select variables affect the clarity of medicolegal photographic images, including skin color, type and location of findings, lighting, aperture, and film speed
- Discuss key medicolegal photography principles, including obtaining images that are relevant, a true and accurate representation of the subject matter, and noninflammatory
- Distinguish images obtained by the examiner as part of the medical/health record
- Accurately identify medicolegal photography principles as they relate to the types of images required by judicial proceedings, including overall, orientation, close-up, and close-up with scale photographs
- Prioritize medicolegal photography needs based on assessment data and patient-centered goals
- Adapt medicolegal photography needs based on patient tolerance
- Appropriately select the correct media for obtaining medicolegal photographs based on the type of physical or evidentiary finding warranting photographic documentation
- Identify situations that may warrant follow-up medicolegal photographs and discuss options for securing
- Recognize the need for consistent peer review of photographs to ensure quality and accurate interpretation of photographic findings

VIII. Sexually Transmitted Infection Testing and Prophylaxis

These competencies demonstrate the adult/adolescent SANE's role in using the nursing process when caring for adult and adolescent patients who are at risk for an actual or potential sexually transmitted infection following sexual assault. Select sexually transmitted infections include gonorrhea, chlamydia, trichomoniasis, human immunodeficiency virus, syphilis, herpes, human papillomavirus, and hepatitis B and C.

- Outline prevalence rates for select sexually transmitted infections
- Identify risk factors for acquiring select sexually transmitted infections

- Recognize symptoms associated with select sexually transmitted infections
- Differentiate symptoms and findings that may mimic sexually transmitted infections
- Describe key concepts associated with screening for the risk of transmission of select sexually transmitted infections based on the specifics of the patient's provided history
- Identify patient concerns and myths regarding the transmission, treatment, and prophylaxis of select sexually transmitted infections
- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, and economic needs of adult/adolescent patients who are at risk for an actual or potential sexually transmitted infection(s) following sexual assault
- Select appropriate nursing diagnoses applicable to adult and adolescent sexual assault patients at risk for actual or potential sexually transmitted infection(s)
 - *Example: Knowledge deficit related to risk factors for transmission of select sexually transmitted infections following sexual assault*
- Identify current evidence-based national and/or international guidelines for the testing and prophylaxis/treatment of sexually transmitted infections when planning care for adult/adolescent patients who are at risk for an actual or potential sexually transmitted infection(s) following sexual assault
- Apply, analyze, and synthesize current evidence-based practice when planning care for adult/adolescent patients who are at risk for an actual or potential sexually transmitted infection(s) following sexual assault
- Compare the risks and benefits of testing for select sexually transmitted infection(s) during the acute forensic evaluation versus at the time of initial follow-up after prophylaxis
- Modify testing methodologies for select sexually transmitted infections appropriately based on site of collection, pubertal status, and patient tolerance
- Distinguish between screening and confirmatory testing methodologies for select sexually transmitted infections
- Identify prophylaxis options, common side effects, routes of administration, contraindications, necessary baseline laboratory specimens when applicable (e.g., HIV), dosing, and follow-up requirements for select sexually transmitted infection(s)
- Establish, communicate, evaluate, and revise individualized short- and long-term goals based on the physiological, psychological, sociocultural, spiritual, and economic needs of adult/adolescent patients who are at risk for an actual or potential sexually transmitted infection(s) following sexual assault
- Prioritize care based on assessment data and patient-centered goals
- Discuss appropriate sexually transmitted infection(s) testing and prophylaxis based on current evidence-based practice, risk factors for transmission, and symptomology
- Adapt sexually transmitted infection(s) testing and prophylaxis based on patient tolerance, adherence, and contraindications
- Appropriately seek medical consultation when indicated
- Summarize collection, preservation, and transport of testing medias for select sexually transmitted infections(s)

IX. Pregnancy Testing and Prophylaxis

These competencies provide the adult/adolescent SANE with the necessary knowledge and skills to accurately assess the risk of pregnancy following a sexual assault and to provide the adult and adolescent patient with options for receiving emergency contraception.

- Describe prevalence rates for pregnancy following a sexual assault
- Describe the risk evaluation for pregnancy following a sexual assault based on the specifics of the patient's provided history
- Compare the effectiveness of birth control methods
- Describe key concepts regarding emergency contraception, including:
 - Mechanism of action
 - Baseline testing
 - Side effects
 - Administration
 - Failure rate
 - Follow-up requirements
- Demonstrate awareness of patient concerns and myths regarding pregnancy prophylaxis
- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, and economic needs of adult and adolescent patients at risk for an unwanted pregnancy following a sexual assault
- Select appropriate nursing diagnoses applicable to adult and adolescent sexual assault patients at risk for pregnancy following a sexual assault
 - *Example: Alteration in self-concept related to ethical concerns regarding taking emergency contraception following a sexual assault*
- Identify current evidence-based guidelines for pregnancy prophylaxis when planning care for adult and adolescent patients at risk for unwanted pregnancy after a sexual assault
- Prioritize care based on assessment data and patient-centered goals
- Recognize situations warranting medical consultation
- Demonstrate the ability to evaluate the effectiveness of the established plan of care and adapt care based on changes in data collected throughout the nursing process
- Demonstrate the ability to identify and explain necessary follow-up care and discharge instructions associated with emergency contraception and/or pregnancy termination options

X. Medicolegal Documentation

These competencies provide the adult/adolescent SANE with the necessary knowledge to accurately, objectively, and concisely document findings and evidence associated with an adult and adolescent sexual assault.

- Define and describe principles associated with professional medicolegal documentation, including:
 - Roles and responsibilities of the forensic nurse in documenting adult and adolescent sexual assault examination
 1. Accurately reflect the steps of the nursing process to include patient-centered care, needs, and goals

2. Accurately differentiate between sources of information provided
3. Communicate event history by quoting the patient's statements as much as possible
4. Clearly differentiate between objective and subjective data

Legal considerations, including:

1. Regulatory or other accreditation requirements (see legal requirements section)
2. Legal, regulatory, or other confidentiality requirements (see legal requirements section)
3. Mandated reporting requirements (see legal requirements section)
4. Consent (see legal requirements section)

Judicial considerations, including:

1. True and accurate representation
 2. Objective and unbiased evaluation
 3. Chain of custody
- Identify and describe key principles for the following types of documentation to including access, storage, archiving, and retention:
 - Written/electronic medical records
 - Body diagrams
 - Photographs (see medicolegal photography section)
 - Describe the purpose of professional medicolegal documentation, including:
 - Communication
 - Accountability
 - Quality improvement
 - Peer review
 - Research
 - Funding and resource management

XI. Discharge and Follow-Up Planning

These competencies are designed to provide the adult/adolescent SANE with the necessary knowledge to develop, prioritize, and facilitate appropriate discharge and follow-up plans of care for adult and adolescent sexual assault patient populations, based on the individual needs of each patient and the consideration of age, developmental level, cultural values, and geographic differences on subsequent care.

- Identify appropriate resources that address the specific safety, medical, and forensic needs of adult and adolescent patients following a sexual assault
- Recognize the need to structure individualized discharge planning and follow-up care based on medical, forensic, and patient priorities
- Facilitate access to appropriate multidisciplinary collaborative agencies
- Determine appropriate nursing diagnoses applicable to adult and adolescent patients following sexual assault, addressing actual or potential concerns for discharge and follow-up

Example: Non-adherence related to follow-up plan of care

- Identify evidence-based guidelines for discharge and follow-up care following an adult and adolescent sexual assault

- Apply, analyze, and synthesize current evidence-based practice when planning and prioritizing discharge and follow-up care associated with safety, psychological, forensic, or medical issues, including the prevention and/or treatment of sexually transmitted infections and pregnancy
- Modify and facilitate plans for treatment, referrals, and follow-up based on patient needs and concerns
- Generate, communicate, evaluate, and revise individualized short- and long-term goals related to discharge and follow-up needs
- Determine and discuss appropriate follow-up and discharge needs based on current evidence-based practice, recognizing differences related to age, developmental level, cultural diversity, and geographic differences

XII. Legal Considerations and Judicial Proceedings

These target competencies are designed to provide the adult/adolescent SANE with the necessary foundational knowledge and skills to effectively consider legal requirements that affect the provision of care to adult and adolescent patients following intimate partner or sexual violence and to provide objective, accurate, evidence-based testimony in judicial proceedings.

A. Legal Considerations

Consent

- Describe key concepts associated with obtaining informed consent
- Identify appropriate methodology for obtaining consent to perform a medicolegal-forensic evaluation in adult and adolescent patient populations
- Differentiate between legal requirements associated with consent or refusal of medical care versus consent or refusal of evidence collection and release
- Identify the impact of age, developmental level, and physical and mental incapacitation on consent procedures, and the appropriate methodology for securing consent in each instance
- Identify legal exceptions to obtaining consent as applicable to the practice area
- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, and economic needs of adult and adolescent patients following sexual assault that may affect informed consent procedures
- Select appropriate nursing diagnoses applicable to adult and adolescent patients following sexual assault regarding consent

Example: Decisional conflict: Uncertainty related to provision of consent for a medicolegal-forensic evaluation following adult or adolescent sexual violence

Reimbursement

- Describe crime victim compensation/reimbursement options associated with the provision of a medicolegal-forensic evaluation in cases of adult and adolescent intimate partner and sexual violence as applicable
- Summarize reimbursement procedures and options to adult and adolescent patient populations
- Select appropriate nursing diagnoses applicable to adult and adolescent patients following sexual assault regarding reimbursement for medicolegal care

Example: Knowledge deficit regarding options for securing reimbursement for medicolegal care

Confidentiality

- Describe legal requirements associated with patient confidentiality and their impact on the provision of protected health information to patients, families, and multidisciplinary agencies, including:
 - Health Insurance Portability and Accountability Act (HIPAA) or other applicable confidentiality legislation
 - Key concepts associated with informed consent and the release of protected health information
- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, and economic needs of adult and adolescent patients following sexual assault that may impact confidentiality procedures
- Select appropriate nursing diagnoses applicable to adult and adolescent patients following sexual assault regarding confidentiality of protected health information

Example: Anxiety related to release of protected health information to investigative agencies

Medical screening examinations

- Describe legal requirements associated with the provision of a medical screening examination and its impact on the provision of medicolegal-forensic care in adult and adolescent patients following intimate partner or sexual violence, including:
 - Emergency Medical Treatment and Active Labor Act (EMTALA) or other applicable legislation
- Recognize the necessary procedures to secure informed consent and informed refusal in accordance with applicable legislation
- Recognize the necessary procedures to transfer or discharge/refer a patient in accordance with applicable legislation
- Identify, prioritize, and secure appropriate medical treatment as indicated by specific presenting chief complaints
- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, and economic needs of adult and adolescent patients following sexual assault that may affect medical procedures
- Select appropriate nursing diagnoses applicable to adult and adolescent patients following sexual assault regarding medical screening examinations

Example: Risk for injury: Skin breakdown related to sexual violence

Mandated reporting requirements

- Accurately describe legal requirements associated with mandated reporting requirements in adult and adolescent patient populations
- Summarize mandatory reporting requirement procedures and options to adult and adolescent patient populations
- Differentiate between reported and restricted/anonymous medicolegal evaluations following sexual violence
- Summarize the knowledge needed to appropriately modify medicolegal evaluation procedures in non-reported/anonymous cases

- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, and economic needs of adult and adolescent patients following sexual assault that may affect mandated reporting requirement procedures
- Select appropriate nursing diagnoses applicable to adult and adolescent patients following sexual assault regarding mandatory reporting requirements

Example: Powerlessness related to mandatory reporting requirements

B. Judicial Proceedings

- Accurately describe legal definitions associated with sexual violence
- Identify pertinent case law and judicial precedence that affect the provision of testimony in judicial proceedings, including but not limited to:
 - Admissibility or other applicable laws specific to the area of practice
 - Rules of evidence or other applicable laws specific to the area of practice
 - Hearsay or other applicable laws specific to the area of practice
- Differentiate between civil and criminal judicial proceedings to include applicable rules of evidence
- Differentiate between the roles and responsibilities of fact versus expert witnesses in judicial proceedings
- Differentiate between judge versus jury trials
- Verbalize an understanding of the following judicial processes:
 - Indictment
 - Arraignment
 - Plea agreement
 - Sentencing
 - Deposition
 - Subpoena
 - Direct examination
 - Cross-examination
 - Objections
- Identify the forensic nurse's role in judicial proceedings, including but not limited to:
 - Educating the trier of fact
 - Provision of effective testimony
 - Demeanor and appearance
 - Objectivity
 - Accuracy
 - Evidence-based testimony
 - Professionalism
- Discuss the key processes associated with pretrial preparation

ADULT/ADOLESCENT CLINICAL PRECEPTORSHIP CONTENT

Clinical Education Component

The clinical preceptorship is designed to complement the classroom educational experience and allow the SANE to apply information and skills obtained during the classroom experience. The required clinical experience is in addition to the 40-hour didactic course. It is recommended that this preceptorship be completed with the guidance of a physician, advanced practice nurse, or a forensically experienced registered nurse.

Clinical preceptor experiences should be completed in a time frame that ensures competency and maximum retention of knowledge and skills, typically within six months of completion of the didactic training. Required clinical skills shall be performed until competent, and competency is determined by the professional assessing the required clinical skills.

The Dreyfus Model of Skills Acquisition proposes that any skill training procedure must be based on some model of skill acquisition to address, at each stage of training, the appropriate issues involved in facilitating advancement. This model moves adult learners through five levels of development: 1) Novice 2) Advanced Beginner 3) Competent 4) Proficient, and 5) Expert (Dreyfus, 1980). Benner (1982) used this same model to publish a study regarding how nurses develop clinically. Benner proposed that the novice has no practical experience and little understanding of contextual meaning; the advanced beginner has enough patient care experience to recognize and discriminate priorities; the competent nurse has practiced in the same population for two or three years, is efficient, organized, and capable of developing plans of care; the proficient nurse sees the whole picture and can anticipate patient needs based on experience with that population; and the expert nurse has a comprehensive grasp of patient care situations and can focus on problems and address them with flexibility and proficiency.

In the majority of cases, the newly trained SANE will begin her or his practice at the novice or advanced beginner stages of skill acquisition because both the patient population and the role are new to the nurse. For this reason, and in recognition of Benner's description of clinical nursing development, it is recommended that a minimum of two years in clinical practice as a registered nurse occur prior to practicing as a SANE.

Given the diversity of communities and the different challenges facing rural, low-volume versus urban, high-volume communities, multiple options for clinical skill attainment must be recognized. Clinical skills acquisition may be obtained using any of the following approaches:

■ ■ ■ Approach 1:

A. Clinical experience with non-sexual assault patients while being precepted by a physician, physician assistant, or advanced practice nurse, adhering to the clinical content described below until competency is achieved; and

B. Clinical experience with patients following sexual assault while being precepted by a physician, advanced practice nurse, or a forensically experienced registered nurse, adhering to the clinical content described below until competency is achieved at the local program level.

■ ■ ■ Approach 2:

A. Simulated patient experiences use live models while being precepted by a physician, physician assistant, advanced practice nurse, or a forensically experienced registered nurse, adhering to the clinical content described below until competency is achieved; and

B. Clinical experience with patients following sexual assault while being precepted by a physician, advanced practice nurse, or a forensically experienced registered nurse, adhering to the clinical content described below until competency is achieved at the local program level.

■ ■ ■ Approach 3:

A. Simulated patient experiences using medical simulation models while being precepted by a physician, physician assistant, advanced practice nurse, or a forensically experienced registered nurse, adhering to the clinical content described below; and

B. Clinical experience with patients following sexual assault while being precepted by a physician, advanced practice nurse, or a forensically experienced registered nurse, adhering to the clinical content described below until competency is achieved at the local program level.

The following clinical education content identifies the framework for the SANE who cares for the adult/adolescent sexual assault patient population. These target competencies outline the minimum level of instruction required during the clinical preceptorship experience. As with the didactic portion of training, the clinical competencies are grounded in the nursing process of assessment, diagnosis, outcomes/planning, implementation, and evaluation.

- Demonstrate the necessary consent procedures and options to adult and adolescent patient populations
- Demonstrate the ability to evaluate the effectiveness of the established plan of care regarding consent and modify or adapt as able based on changes in data collected throughout the nursing process
- Demonstrate the necessary knowledge to explain procedures associated with confidentiality to adult and adolescent patient populations
- Demonstrate the ability to evaluate the effectiveness of the established plan of care regarding confidentiality and modify or adapt as able based on changes in data collected throughout the nursing process
- Demonstrate the necessary knowledge to explain medical screening procedures and options to adult and adolescent patient populations
- Demonstrate the ability to evaluate the effectiveness of the established plan of care regarding medical evaluation/treatment and modify or adapt as able based on changes in data collected throughout the nursing process
- Demonstrate the ability to evaluate the effectiveness of the established plan of care regarding mandatory reporting requirements and modify or adapt as able based on changes in data collected throughout the nursing process
- Apply the rationale for history taking and demonstrate effective history-taking skills
- Explain the rationale for history taking and demonstrate effective history-taking skills
- Explain the rationale for head-to-toe assessment and demonstrate the complete head-to-toe assessment
- Prepare the adolescent and adult for the anogenital examination
- Differentiate normal anogenital anatomy from normal variants and abnormal findings
- Demonstrate the following visualization techniques:
 - Labial separation
 - Labial traction

Hymenal assessment (urinary catheter, fox swab/”comfort tip” applicators, etc.)

Speculum assessment of the vagina and cervix

- Demonstrate the proper collection of specimens for testing for sexually transmitted infection(s)
- Explain the rationale for specific STI tests and collection techniques
- Demonstrate proper collection of evidence (dependent on local practice), including:
 - Buccal swabs
 - Oral swabs and smear
 - Bite mark swabbing
 - Other body surface swabbing
 - Fingernail clippings/swabbings
 - Anal swabs and smear
 - Vaginal swabs and smear
 - Cervical swabs and smear
 - Head hair combing/collection
 - Pubic hair combing/collection
 - Clothing
 - Toxicology
- Explain the rationale behind the specific type and manner of evidentiary specimen collection
- Demonstrate proper packaging of evidentiary materials
- Demonstrate proper sealing of evidentiary materials
- Explain the rationale for the packaging and sealing of evidentiary material
- Demonstrate the proper maintenance of chain of custody for evidentiary materials
- Explain the rationale for maintaining proper chain of custody
- Demonstrate the ability to modify evidence collection techniques based on the patient’s age, developmental/cognitive level, and tolerance
- Demonstrate an understanding of consent, storage, confidentiality, and the appropriate release and use of photographs taken during the medical-forensic examination
- Demonstrate the ability to obtain overall, orientation, close-up, and close-up with scale medicolegal photographs that provide a true and accurate reflection of the subject matter
- Demonstrate the ability to evaluate the effectiveness of the established plan of care and modify or adapt care based on changes in data collected throughout the nursing process
- Demonstrate the ability to identify and explain necessary follow-up care and discharge instructions associated with emergency contraception and/or pregnancy termination options
- Demonstrate the ability to identify and explain necessary follow-up care and discharge instructions associated with select sexually transmitted infection(s)
- Demonstrate awareness of differences in discharge and follow-up concerns related to age, developmental level, cultural diversity, and geographic differences

- Demonstrate the ability to evaluate the effectiveness of established discharge and follow-up plans of care, and to revise the established plan of care while adhering to current evidence-based practice guidelines
- Implement critical thinking processes based on relevant assessment data when prioritizing the implementation of crisis intervention strategies in adult and adolescent patients following sexual violence

Participation in chart review, peer review, ongoing education, supervision, and mentoring is essential to prepare and sustain the registered nurse for the adult/adolescent SANE role. It is recommended that every SANE, novice through expert, regularly participate in these activities.

Optional Preceptorship Content

Optional preceptorship content describes areas that instructors may choose to include in the overall program expectation, but are areas IAFN does not deem expected as part of the SANE's training as these may not be readily available in all communities.

- Explain the rationale for and demonstrate the following visualization techniques:
 - Anogenital toluidine blue dye application and removal as applicable to local practice
 - Specialized equipment commonly used in practice, such as magnification tools, colposcopes, alternate light sources (ALS), etc.
- Demonstrate the effective use of a camera to document examination findings

REFERENCES

- Adams, J. A., & Knudson, S. (1996). Genital findings in adolescent girls referred for suspected sexual abuse. *Archives of Pediatrics & Adolescent Medicine*, 150(8), 850-857.
- American Bar Association. (n.d.). *Frequently asked questions about the Grand Jury System*. Retrieved May 6, 2009, from <http://www.abanet.org>
- American Nurses Credentialing Center. (2013). *ANCC accreditation*. Retrieved September 10, 2013, from <http://www.nursecredentialing.org/ContinuingEducation/Accreditation.aspx>
- American Psychiatric Association. (2012). *DSM-5 Development: Trauma and stressor related disorders*. Retrieved September 18, 2012, from <http://www.dsm5.org/proposedrevision/pages/traumaandstressorrelated-disorders.aspx>
- Amerson, R. M. (2001). Cultural nursing care: The planning, development, and implementation of a learning experience. *Journal for Nurses in Staff Development*, 17(1), 20-26.
- Anderson, L. (2012, August 31). *4 advantages of traditional classroom learning in nursing education*. Retrieved from <http://www.nursetogether.com/Education/Education-Article/itemId/2232/4-Advantages-of-Traditional-Classroom-Learning.aspx>
- Anderson, S., McClain, N., & Riviello, R. J. (2006). Genital findings of women after consensual and nonconsensual intercourse. *Journal of Forensic Nursing*, 2(2), 59-65.
- Andrew, L. B. (2006). Expert witness testimony: The ethics of being a medical expert witness. *Journal of Emergency Medicine Clinics of North America*, 24(3), 715-731.
- Archambault, J. (2007). Time limits for conducting forensic examination: Can biological evidence be recovered 24, 36, 48, 72, 84, or 96 hours following sexual assault? *Sexual Assault Report*, 10(3), 33-48.
- Atherton, J. S. (2013). *Learning and teaching; Knowles' andragogy: An angle on adult learning* [On-line: UK]. Retrieved August 21, 2012, from <http://www.learningandteaching.info/learning/knowlesa.htm>
- Baker, R. B., Fargo, J. D., Shambley-Ebron, D., & Sommers, M. S. (2010). A source of healthcare disparity: Race, skin color, and injuries after rape among adolescents and young adults. *Journal of Forensic Nursing*, 6(3), 144-150.
- Benner, P. (1982). From novice to expert. *American Journal of Nursing*, 82(3), 402-407.
- Benner, P. (1984). *From novice to expert: Excellence and power in clinical nursing practice*. Menlo Park, CA: Addison-Wesley Publishing.
- Boston College. (2013, March 20). *The Roy adaptation model*. Retrieved from http://www.bc.edu/schools/son/faculty/featured/theorist/Roy_Adaptation_Model.html
- Burgess, A. W., Brown, K., Bell, K., Ledray, L. E., & Poarch, J. C. (2005). Sexual abuse of older adults: Assessing for signs of a serious crime—and reporting it. *American Journal of Nursing*, 105(10), 66-71.
- Campbell, R. (2004). *Evaluating the effectiveness of SANE programs*. Paper presented at the International Association of Forensic Nurses 12th Annual Scientific Assembly, Chicago, IL.
- Campbell, R., Long, S. M., Townsend, S. M., Kinnison, K. E., Pulley, E. M., Adams, S. B., & Wasco, S. M. (2007). Sexual assault nurse examiner's providing expert witness court testimony. *Journal of Forensic Nursing*, 3(1), 7-14.
- Campbell, R., Patterson, D., & Lichty, L. E. (2005). The effectiveness of sexual assault nurse examiner (SANE) programs: A review of psychological, medical, legal, and community outcomes. *Trauma, Violence & Abuse*, 6(4), 313-329.
- Canaff, R. J. (2009). Nobility in objectivity: A prosecutor's case for neutrality in forensic nursing. *Journal of Forensic Nursing*, 5(2), 89-96.
- Carter-Snell, C., & Soltys, K. (2005). Forensic ultraviolet lights in clinical practice: Evidence for the evidence. *Canadian Journal of Police & Security Services*, 3(2).
- Cashman, D. P., & Benak, L. D. (2007). Preparing staff for testimony in sexual assault cases. *Journal of Forensic Nursing*, 3(1), 47-49.
- Centers for Disease Control & Prevention. (2005). Antiretroviral postexposure prophylaxis after sexual, injection-drug use or other nonoccupational exposure to HIV in the United States: Recommendations from the U.S. Department of Health and Human Services. *Morbidity & Mortality Weekly Report*, 54(RR-2), 1-16.
- Centers for Disease Control & Prevention. (2015). Sexually transmitted disease treatment guidelines, 2015. *Morbidity & Mortality Weekly Report*, 64(3), 104-110.

- Coulehan, J. L., & Block, M. R. (2006). *The medical interview: Mastering skills for clinical practice* (5th ed.). Philadelphia, PA: F. A. Davis Co.
- Crane, P. (2006). Predictors of injury associated with rape. *Journal of Forensic Nursing*, 2(2), 75-84.
- Daubert v. Merrell Dow Pharmaceuticals, Inc.*, 509 U.S. 579, 113 S. Ct. 2786, 125 L. Ed. 2d 469 (1993).
- Dracup, K., & Bryan-Brown, C. W. (2004). From novice to expert mentor: Shaping the future. *American Journal of Critical Care*, 13(6), 448-450.
- Dreyfus, S. E., & Dreyfus, H. L. (1980). *A five-stage model of the mental activities involved in directed skill acquisition*. Berkeley, CA: University of California.
- Drocton, P., Sachs, C., Chu, L., & Wheeler, M. (2008). Validation set correlates of anogenital injury after sexual assault. *Academic Emergency Medicine*, 15(3), 231-238.
- Emans, S. J., Woods, E. R., Allred, E. N., & Grace, E. (1994). Hymenal findings in adolescent women: Impact of tampon use and consensual sexual activity. *Journal of Pediatrics*, 125(1), 153-160.
- Esposito, N. (2005). Manifestations of enduring during interviews with sexual assault victims. *Qualitative Health Research*, 15(7), 912-927.
- Esposito, N. (2006). Women with a history of sexual assault: Health care visits can be reminders of a sexual assault. *American Journal of Nursing*, 106(3), 69-71, 73.
- Foley, L. (2006). "They are patients first and foremost": Organizational framing in sexual assault nurse examiner programs. Paper presented at the annual meeting of the American Sociological Association, Montreal Convention Center, Montreal, Quebec, Canada. Retrieved May 3, 2009, from http://citation.allacademic.com//meta/p_mla_apa_research_citation/1/0/4/3/1/pages104310/p104310-1.php
- Frye v. United States*, 293 F. 1013, 54 App. D.C. 46 (D.C. Cir. 1923).
- Girardin, B., Faugno, D., Seneski, P., Slaughter, L., & Whelan, M. (1997). *Color atlas of sexual assault*. St. Louis, MO: Mosby Inc.
- Hammer, R. M., Moynihan, B., & Pagliaro, E. M. (2006). *Forensic nursing: A handbook for practice*. Sudbury, MA: Jones & Bartlett Publishing.
- Harder, B. N. (2010). Use of simulation in teaching and learning in health sciences: A systematic review. *Journal of Nursing Education*, 49(1), 23-28.
- Hazelwood, R. J., & Burgee, A. W. (2001). *Practical aspects of the rape investigation: A multidisciplinary approach*. London, England: CRC Press LLC.
- Hockenberry, M. J., & Wilson, D. (2013). *Wong's essentials of pediatric nursing* (9th ed.). St. Louis, MO: Elsevier Mosby.
- International Nursing Association for Clinical Simulation & Learning. (2011). Standards of best practice: Simulation. *Clinical Simulation in Nursing*, 7(4), S1-S20.
- Jenny, C., Kuhns, M. L., & Arakawa, F. (1987). Hymens in newborn females. *Pediatrics*, 80(3), 399-400.
- Jones, J. J., Rossman, L., Diegel, R., Van Order, P., & Wynn, B. N. (2009). Sexual assault in postmenopausal women: Epidemiology and patterns of genital injury. *American Journal of Emergency Medicine*, 27(8), 922-929.
- Jones, J. S., Dunnuck, C., Rossman, L., Wynn, B. N., & Genco, M. (2003). Adolescent Foley catheter technique for visualizing hymenal injuries in adolescent sexual assault. *Academic Emergency Medicine*, 10(9), 1001-1004.
- Jones, J. S., Rossman, L., Hartman, M., & Alexandar, C. C. (2003). Anogenital injuries in adolescents after consensual sexual intercourse. *Academic Emergency Medicine*, 10(12), 1378-1383.
- Kashi, J. (2006). Authenticating digital photographs as evidence: A practice approach using JPEG metadata. *Law Practice Today*. Retrieved February 10, 2009, from <http://www.abanet.org/lpm/lpt/articles/tch06061.shtml>
- Kellogg, N. D., Menard, S. W., & Santos, A. (2004). Genital anatomy in pregnant adolescents: "Normal" does not mean "nothing happened". *Pediatrics*, 113(1), e67-e69.
- Koehler, S. A. (2009). Types and roles of a witness. *Journal of Forensic Nursing*, 5(3), 180-182.
- Lasater, K. (2007). High-fidelity simulation and the development of clinical judgment: Students' experiences. *Journal of Nursing Education*, 46(6), 269-276.
- Ledray, L. E. (1999). *Sexual assault nurse examiner: Development and operation guide*. (NCJ 170609). Washington, DC: U.S. Department of Justice, Office of Victims of Crime. Retrieved December 19, 2011, from <http://www.ojp.usdoj.gov/ovc/publications/infores/sane/saneguide.pdf>

- Ledray, L. E., Faugno, D., & Speck, P. (2001). SANE: Advocate, forensic technician, nurse? *Journal of Emergency Nursing*, 27(1), 91-93.
- Ledray, L. E., & Barry, L. (1998). SANE expert and factual testimony. *Journal of Emergency Nursing*, 24(3), 284-287.
- Maier, S. (2011). The emotional challenges faced by sexual assault nurse examiners: "ER nursing is stressful on a good day without rape victims". *Journal of Forensic Nursing*, 7(4), 161-172.
- Michael, J. (2009, January 14). *The disadvantages of a traditional classroom*. Retrieved from <http://www.helium.com/items/1296189-disadvantages-traditional-classroom>
- Morris, A. (2008). ALS-alternate light source use in forensic nursing, *On The Edge*, 14(1).
- Morris, K. (2006). Issues on female genital mutilation/cutting-progress and parallels. *Lancet*, 368(Supplement 1), S64-S67.
- Mosqueda, L., Burnight, K., & Liao, S. (2005). The life cycle of bruises in older adults. *Journal of the American Geriatrics Society*, 53(8), 1339-1343.
- Nash, K. R., & Sheridan D. J. (2009). Can one accurately date a bruise? State of the science. *Journal of Forensic Nursing*, 5(1), 31-37.
- National Council of State Boards of Nursing. (2005). *Clinical instruction in prelicensure nursing programs*. Chicago, IL: National Council of State Boards of Nursing.
- Nursing Theory. (2013). *Roy adaptation model*. Retrieved from <http://nursing-theory.org/theories-and-models/roy-adaptation-model.php>
- Obermeyer, C. M. (2005). The consequences of female circumcision for health and sexuality: An update on the evidence. *Culture, Health & Sexuality*, 7(5), 443-461.
- Obinna, J., Krueger, S., Osterbaan, C., Sadusky, J. M., & DeVore, W. (2006). *Understanding the needs of the victims of sexual assault in the deaf community*. Minneapolis, MN: Council on Crime & Justice.
- Pierce-Weeks, J., & Campbell, P. (2008). The challenges forensic nurses face when their patient is comatose: Addressing the needs of our most vulnerable patient population. *Journal of Forensic Nursing*, 4(3), 104-110.
- Price, B. (2010). Receiving a forensic medical exam without participating in the criminal justice process: What will it mean? *Journal of Forensic Nursing*, 6(2), 74-87.
- Riley, D. E. (2005). DNA testing: An introduction for non-scientists. *Scientific Testimony, An Online Journal*. Retrieved February 6, 2009, from <http://www.scientific.org/tutorials/articles/riley/riley.html>
- Rothman, E. F., Exner, D., & Baughman, A. L. (2011). The prevalence of sexual assault against people who identify as gay, lesbian, or bisexual in the United States: A systematic review. *Trauma, Violence & Abuse*, 12(2), 55-66.
- Ruiz, J. G., Mintzer, M. J., & Leipzig, R. M. (2006). The impact of e-learning in medical education. *Academic Medicine*, 81(3), 207-212.
- Sanford, P. G. (2010). Simulation in nursing education: A review of the research. *Qualitative Report*, 15(4), 1006-1011.
- Shelton, D. E. (2008). The CSI effect: Does it really exist? *National Institute of Justice Journal*, 259, 1-7. Retrieved from <http://www.nij.gov/journals/259/csi-effect.htm>
- Slaughter, L., Brown, C. R., Crowley, S., & Peck, R. (1997). Patterns of genital injury in female sexual assault victims. *American Journal of Obstetrics & Gynecology*, 176(3), 609-616.
- Sommers, M. S. (2007). Defining patterns of genital injury from sexual assault: A review. *Trauma, Violence, & Abuse*, 8(3), 270-280.
- Sommers, M. S., Fargo, J. D., Baker, R. B., Fisher, B. S., Buschur, C., & Zink, T. M. (2009). Health disparities in the forensic sexual assault examination related to skin color. *Journal of Forensic Nursing*, 5(4), 191-200.
- Stermac, L., Del Bove, G., & Addison, M. (2004). Stranger and acquaintance sexual assault of adult males. *Journal of Interpersonal Violence*, 19(8), 901-915.
- Tabor, P. D. (2011). Vicarious traumatization: Concept analysis. *Journal of Forensic Nursing*, 7(4), 203-208.
- University of Connecticut. (n.d). *Is online for me?* Retrieved from http://itl.uconn.edu/studentguide/SH_Classroom_vs_Online.html
- U.S. Department of Justice. (2006). *National training standards for sexual assault medical forensic examiners*. Washington, DC: U.S. Department of Justice, Office on Violence Against Women.

- U.S. Department of Justice. (2013). *National protocol for sexual assault medical forensic examinations: Adults/adolescents* (2nd ed.). Washington, DC: U.S. Department of Justice, Office on Violence Against Women.
- Yorker, B. C., & Kelley, S. (2003). Case law regarding nurses as expert witnesses in child abuse. *Issues in Mental Health Nursing, 24*(6-7), 639-45.
- Yuen, A. (2011). Exploring teaching approaches in blended learning. *Research & Practice in Technology Enhanced Learning, 6*(1), 3-23.
- White, C., & McLean, I. (2006). Adolescent complainants of sexual assault: Injury patterns in virgin and non-virgin groups. *Journal of Clinical Forensic Medicine, 13*(4), 172-180.
- Wieczorek, K. (2010). A forensic nursing protocol for initiating human immunodeficiency virus post-exposure prophylaxis following sexual assault. *Journal of Forensic Nursing, 6*(1), 29-39.
- Wiglesworth, A., Austin, R., Corona, M., Schneider, D., Liao, S., Gibbs, L., & Mosqueda, L. (2009). Bruising as a marker of physical elder abuse. *Journal of the American Geriatrics Society, 57*(7), 1191-1196.
- World Health Organization. (2003). *Guidelines for medico-legal care for victims of sexual violence*. Geneva, Switzerland: World Health Organization.
- World Health Organization. (2007). *Guidelines for medical record and clinical documentation*. Geneva, Switzerland: World Health Organization.
- World Health Organization & London School of Hygiene and Tropical Medicine. (2010). *Preventing intimate partner and sexual violence against women: Taking action and generating evidence*. Geneva, Switzerland: World Health Organization.
- Zink, T., Fargo, J. D., Baker, R. B., Buschur, C., Fisher, B. S., & Sommers, M. S. (2010). Comparison of methods for identifying anogenital injury after consensual intercourse. *Journal of Emergency Medicine, 39*(1), 113-118.

Section III

Pediatric/Adolescent Sexual Assault Nurse Examiner (SANE) EDUCATION GUIDELINES

PEDIATRIC/ADOLESCENT DIDACTIC CONTENT

CHILD SEXUAL ABUSE

The World Health Organization (1999) defines “child sexual abuse” (CSA) as

“the involvement of a child in sexual activity that he or she does not fully comprehend, is unable to give informed consent to, or for which the child is not developmentally prepared and cannot give consent, or that violates the laws or social taboos of society. Child sexual abuse is evidenced by this activity between a child and an adult or another child who by age or development is in a relationship of responsibility, trust or power, the activity being intended to gratify or satisfy the needs of the other person. This may include but is not limited to: the inducement or coercion of a child to engage in any unlawful sexual activity; the exploitative use of a child in prostitution or other unlawful sexual practices; the exploitative use of children in pornographic performance and materials (p. 15).

The sexual activity may involve touching or fondling, oral-genital, genital, and/or anal contact which may or may not include penetration of the vagina or anus. In many cases, sexual abuse differs from sexual assault in that the sexual contact is progressive and longitudinal. The perpetrator of child sexual abuse is more often a known and trusted caregiver or a family member.

Typically, a child does not disclose sexual abuse for days, weeks, months, or even years. Child sexual abuse often occurs within the context of secrecy and shame and may involve coercion and manipulation or “grooming” behavior, sometimes referred to as “accommodation syndrome.” Studies have shown that the majority of children do not disclose in childhood and that disclosure is not always linear (Alaggia, 2004). Children may provide disclosure incrementally over time and may minimize or deny the abuse, even when questioned. Some children may subsequently recant their disclosure during an investigation (Malloy, Lyon, & Quas, 2007). Many factors contribute to nondisclosure, including but not limited to, feelings of embarrassment or shame; feelings of responsibility or self-blame; lack of understanding of the abuse; limited communication abilities; use of threats, manipulation, or requests for secrecy by the offender or other family member; fear of negative consequences (whether real or imagined) for themselves or family members; anticipation of disbelief or an unsupportive response (Alaggia, 2004; Finkel, 2012).

An accurate accounting of CSA statistics is difficult because of the significant amount of underreporting. Most prevalence data comes from surveys of adults about their childhood experiences. One survey of 4549 children in the United States found that 61% of the participants had experienced at least one direct or witnessed incident of victimization in the previous year and that 6.1% of the sample had experienced sexual victimization (Finkelhor, Turner, Ormrod, & Hamby, 2009). International studies have reported rates of sexual abuse ranging from 7% to 36% for girls and 3% to 29% for boys (WHO, 2003). The World Health Organization (2006) cited that the global reported rates of CSA are 20% for girls and 5% to 10% for boys. Due to variations in definition, cultural meaning, levels of surveillance, and awareness, countries that provide CSA data show considerable variability in prevalence.

The consequences of CSA may be significant and long-term and may include physical and psychological factors that adversely affect health. In a study of adults reporting adverse childhood experiences, CSA was associated with several physical and mental disorders (Felitti et al., 1998). Although not all children who have experienced sexual abuse exhibit psychological or behavioral symptoms at the time of the medical assessment, children who have experienced repeated episodes or prolonged abuse may develop behavioral and psychological sequelae, such as posttraumatic stress disorder and other trauma-related symptoms, depression, eating disorder behavior, delinquent behavior, and higher rates of suicide (Danielson & Holmes, 2004; Paolucci, Genuis, & Violato, 2001). Evidence also suggests that female adolescents who have experienced childhood sexual abuse engage in their first voluntary sexual experience at a younger age, engage in sexual risk behavior, have increased rates of pregnancy and increased rates of illicit drug use, and experience more physical abuse and sexual revictimization (Barnes, Noll, Putnam, & Trickett, 2009; Noll, Shenk, & Putnam, 2009; Paolucci, Genuis, & Violato, 2001).

PEDIATRIC/ADOLESCENT DIDACTIC CONTENT TARGET COMPETENCIES

The following content framework is designed to provide the pediatric/adolescent SANE with the minimum target competencies to demonstrate the cognitive, affective, and psychomotor skills needed to use the nursing process when caring for pediatric and adolescent patients following sexual abuse/assault. The target competencies provide pediatric/adolescent SANEs from a variety of professional practice backgrounds with the foundational knowledge and critical thinking skills necessary to provide holistic, comprehensive care to pediatric and adolescent sexual abuse/assault patient populations. Each key target competency contains measurable outcome criteria that follow the steps of the nursing process, including assessment, diagnosis, outcomes identification, planning, implementation, and evaluation.

Key Target Didactic Competencies:

1. Overview of Forensic Nursing and Child Sexual Abuse
2. Victim Responses and Crisis Intervention
3. Collaborating with Community Agencies
4. Medicolegal History Taking
5. Observing and Assessing Physical Examination Findings
6. Medicolegal Specimen Collection
7. Medicolegal Photography
8. Sexually Transmitted Infection Testing and Prophylaxis
9. Pregnancy Testing and Prophylaxis
10. Medicolegal Documentation
11. Discharge and Follow-Up Planning
12. Legal Considerations and Judicial Proceedings

I. Overview of Forensic Nursing and Child Sexual Abuse

A. Forensic Nursing Overview

These competencies describe the role of the pediatric/adolescent SANE in incorporating fundamental forensic principles and practices into the nursing process when caring for pediatric and adolescent patients following sexual abuse/assault.

- Describe the history and evolution of forensic nursing
- Identify the role of the pediatric/adolescent SANE in caring for pediatric/adolescent sexual abuse/assault patient populations
- Describe the role of the pediatric/adolescent SANE as applied to sexual abuse/assault education and prevention
- Identify the role of the International Association of Forensic Nurses in establishing the scope and standards of forensic nursing practice
- Discuss key aspects of *Forensic Nursing: Scope and Standards of Practice*
- Discuss professional and ethical conduct as they relate to pediatric/adolescent SANE practice and the care of pediatric and adolescent sexual abuse/assault patient populations, including the ethical principles of autonomy, beneficence, non-maleficence, veracity, confidentiality, and justice
- Identify nursing resources, locally and globally, that contribute to current and competent pediatric/adolescent SANE practice
- Define “vicarious trauma”
- Identify methods for preventing vicarious trauma associated with pediatric/adolescent SANE practice
- Discuss key concepts associated with the use of evidence-based practice in the care of pediatric and adolescent sexual abuse/assault patient populations

B. Child Sexual Abuse

These competencies describe the dynamics of sexual violence, providing context for the care of pediatric and adolescent patients following sexual abuse/assault. The pediatric/adolescent SANE uses this knowledge to educate patients and families about the connection between child sexual abuse/adolescent sexual assault and health, and to collaborate with patients and families in identifying appropriate interventions and community referrals.

- Define and identify the types of child/adolescent sexual abuse/assault
- Define and identify the types of physical child maltreatment
- Outline global incidence and prevalence rates for sexual abuse in the female and male pediatric and adolescent populations
- Describe the fundamentals of growth and development in the context of understanding child/adolescent sexual abuse/assault
- Identify risk factors for pediatric/adolescent sexual abuse/assault
- Discuss the health consequences of sexual abuse/assault, including physical, psychosocial, cultural, and socioeconomic sequelae
- Identify underserved or vulnerable sexual abuse/assault populations and associated prevalence rates, including but not limited to:
 - Boys/men
 - GLBTIQ (gay, lesbian, bisexual, transgender, intersex, questioning/queer) adolescents

Patients with physical disabilities
Patients with developmental challenges
Culturally diverse populations
Mental health populations
Patients with language/communication barriers

- Describe nursing challenges that are unique to providing care to underserved or vulnerable sexual abuse/assault patient/family populations
- Discuss best practices for improving forensic nursing care to underserved or vulnerable patient populations
- Differentiate myths from facts regarding sexual abuse/assault in pediatric and adolescent patient populations
- Identify key concepts associated with offender typology and related impact on sexual abuse/assault patient populations
- Identify the differences in offender typology in the pediatric population
- Describe the process of grooming or accommodation syndrome with child sexual abuse victims and their families
- Discuss the dynamics of familial sexual abuse (incest) and the impact on the child and non-offending caregiver(s)
- Describe the process of children's disclosure of sexual abuse and the factors related to disclosure
- Select appropriate nursing diagnoses applicable to pediatric and adolescent patients following sexual abuse/assault who are at risk for related problems

Example: Knowledge deficit regarding parental response to a child who has been sexually abused

Example: Risk of posttraumatic stress symptoms related to the experience of sexual abuse

II. Victim Responses and Crisis Intervention

These competencies describe the psychosocial impact of sexual abuse/assault on pediatric and adolescent patient populations, thereby providing the pediatric/adolescent SANE with the foundational knowledge to appropriately assess, plan, implement, and evaluate care as well as collaborate with patients in identifying appropriate community referrals.

- Identify common psychosocial responses to sexual abuse/assault and child maltreatment in pediatric and adolescent populations
- Discuss the acute and long-term psychosocial ramifications associated with sexual abuse/assault and child maltreatment
- Describe the emotional and psychological responses and sequelae following sexual abuse/assault, including traumatic and stress-related disorders applicable to pediatric and adolescent sexual abuse/assault and child maltreatment patient populations
- Identify the key components of a suicide risk assessment
- Identify the key components of a safety risk assessment
- Identify the risk factors for acute and chronic psychosocial sequelae in pediatric and adolescent patients following sexual abuse/assault and child maltreatment
- Identify the risk factors for acute and chronic health conditions related to or

exacerbated by sexual abuse/assault and child maltreatment, such as asthma, hypertension, and gastrointestinal issues

- Explain common concerns regarding reporting to law enforcement officials following sexual abuse/assault and child maltreatment and potential psychosocial ramifications associated with this decision
- Provide culturally competent, holistic care to pediatric and adolescent sexual abuse/assault populations that is based on objective and subjective assessment data, patient-centered outcomes, and patient tolerance
- Identify risk factors for non-adherence in pediatric and adolescent patient populations following sexual abuse/assault
- Recognize the diverse psychosocial issues associated with underserved patient populations, including but not limited to:

Males

Inmates/juvenile detention

GLBTIQ

Familial perpetration (sibling on sibling, parent/guardian, etc.)

Patients with disabilities

Culturally diverse populations

Mental health populations

Patients with language/communication barriers

- Select appropriate nursing diagnoses applicable to pediatric and adolescent patients following sexual abuse/assault who are at risk for actual or potential psychosocial sequelae

Example: Emotional and psychological trauma related to an episode of sexual abuse/assault

Example: Risk for self-harm related to alterations in self-concept following an episode of sexual abuse/assault

Example: Altered body image related to self-esteem following sexual abuse/assault and child maltreatment

- Implement critical thinking processes based on relevant assessment data when prioritizing crisis intervention strategies for pediatric and adolescent patients following sexual abuse/assault
- Structure the development of patient outcomes, interventions, and evaluation criteria designed to address actual or potential psychosocial problems based on the patient's chronological age, developmental status, identified priorities, and tolerance
- Recognize techniques and strategies for interacting with pediatric and adolescent patients and their families following a disclosure of or a concern regarding sexual abuse/assault, including but not limited to:

Empathetic and reflective listening

Maintaining dignity and privacy

Facilitating participation and control

Respecting autonomy

Maintaining examiner objectivity and professionalism

III. Collaborating with Community Agencies

These competencies are designed to provide the pediatric/adolescent SANE with the foundational knowledge to effectively interact and collaborate with multidisciplinary team members involved in the care of pediatric and adolescent patients following sexual abuse/assault.

- Comprehend the multidisciplinary team (MDT), including:
 - Overview of roles and responsibilities
 - MDT models
 1. Child advocacy centers
 2. Family justice centers
 3. Sexual assault response/resource teams (SART)
 - Strategies for implementing and sustaining a MDT
 - Benefits and challenges
- Discuss the roles and responsibilities of the following MDT members as they relate to pediatric and adolescent sexual abuse/assault:
 - Victim advocates (community- and system-based)
 - Forensic examiners (pediatric/adolescent SANEs, death investigators, coroners, medical examiners, forensic nurse consultants)
 - Law enforcement officials
 - Prosecuting attorneys
 - Defense attorneys
 - Forensic scientists
 - Forensic interviewers
 - Child protection agency workers
 - Other social service agency personnel
- Discuss key strategies for initiating and maintaining effective communication and collaboration among MDT members

IV. Medicolegal History Taking

These competencies are designed to provide the pediatric/adolescent SANE with the necessary skills to accurately, objectively, and concisely obtain medicolegal information associated with pediatric sexual abuse/assault.

- Recognize the key components of medicolegal history taking associated with a pediatric and adolescent sexual abuse/assault, including but not limited to:
 - Past medical history
 1. Allergies
 2. Medications
 3. Recreational drug use
 4. Medical/surgical history
 5. Vaccination status
 - Social history
 1. Parent/caretaker
 2. Other information, as needed
 - Developmental history
 1. Milestones

2. Physical development
3. Sexual development
4. Intellectual development
5. Social development
6. Emotional development
7. Moral development

Genitourinary history

1. Urinary tract development and disorders
2. Reproductive tract development and disorders
3. Last consensual intercourse, if applicable
4. Pregnancy history, if applicable
5. Contraception usage, if applicable
6. Menarche and last menstrual period

Gastrointestinal history

1. Gastrointestinal tract development and disorders
2. Constipation and diarrhea history and treatments

Event history

1. Actual/attempted acts
2. Date and time of event
3. Location of event
4. Assailant information
5. Use of weapons/restraints/threats/grooming/manipulation
6. Use of recording device (photographs or video of event)
7. Suspected drug-facilitated sexual assault
8. Condom use
9. Ejaculation
10. Pain or bleeding associated with acts
11. Physical assault
12. Strangulation
13. Potential destruction of evidence

- Distinguish between obtaining a medical history and conducting a forensic interview
- Explain the rationale for obtaining a child's history independent of other parties
- Explain the rationale for obtaining a caregiver (parent, guardian, etc.) history independent from the child
- Identify techniques for establishing rapport and facilitating disclosure while considering the patient's age, developmental level, tolerance, gender, and cultural differences
- Evaluate when obtaining a medicolegal history from a child would be inappropriate
- Discriminate between leading and non-leading questions
- Select appropriate nursing diagnoses applicable to medicolegal history taking in pediatric/adolescent patients following sexual abuse/assault

Example: Impaired communication related to developmental barriers associated with disclosure of event history

V. Observing and Assessing Physical Examination Findings

These competencies outline the role of the pediatric/adolescent SANE in assessing and identifying physical findings, including potential mechanisms of injury in the pediatric/adolescent population following sexual abuse/assault. The SANE is responsible for using current evidence-based practice as a framework for documenting and interpreting physical findings and for ensuring that pediatric/adolescent patients receive holistic, comprehensive care that focuses on evidentiary, nursing, and medical priorities and practice.

- Summarize knowledge and understanding of the acute and non-acute forensic examination process for the pediatric/adolescent patient
- Understand the role of the SANE within the child advocacy center model
- Use knowledge of the assessed developmentally appropriate communication skills and techniques with respect to cognitive and linguistic development
- Generalize the ability to prioritize a comprehensive health history and review of systems data
 - History, including health issues and immunization status
 - History of alleged or suspicious event
 1. Patient
 2. Family/caregiver/guardian
 3. Law enforcement officials
 4. Child protection agency personnel
- Recognize knowledge related to the psychosocial assessment of the child/adolescent related to the event
 - Crisis intervention for acute presentations
 - Behavioral/psychological implications of long-term abuse in the prepubescent, pediatric, and adolescent child
 - Suicide and safety assessment and planning
 - Impact of substance abuse issues
 - Guidance for child, family, and caregivers
 - Referrals
- Describe a comprehensive head-to-toe physical assessment that is age, gender, developmentally, and culturally appropriate, as well as mindful of the patient's tolerance, including:
 - Assessing the patient's general appearance, demeanor, cognition, and mental status
 - Assessment of clothing and other personal possessions
 - Assessment of body surfaces for physical findings
 - Assessment of the patient's growth and development level
 - Assessment of the patient's sexual maturation
 - Assessment of the patient utilizing a head-to-toe evaluation approach
 - Assessment of anogenital structures, including the effect of estrogen/testosterone on anogenital structures
 - Identification of findings that are:
 1. Documented in newborns or commonly seen in non-abused children
 - a) *Normal variants*
 - b) *Commonly caused by other medical conditions*

- c) *Conditions that may be mistaken for abuse*
 - 2. Indeterminate
 - 3. Diagnostic of trauma and/or sexual contact
 - a) *Acute trauma to external genital/anal tissues*
 - b) *Residual (healing) injuries*
 - c) *Injuries indicative of blunt force penetrating trauma*
 - d) *Sexually transmitted infection(s)*
 - e) *Pregnancy*
 - f) *Sperm identified in specimens taken directly from a child's body (Adams et al., 2007; Adams, 2011)*
- Define “mechanical and physical trauma”, including:
 - Blunt force trauma
 - Sharp force trauma
 - Gunshot wounds
- Identify findings with appropriate terminology for injuries associated with mechanical and physical trauma, including but not limited to:
 - Abrasions
 - Lacerations/tears
 - Cuts/incisions
 - Bruises/contusions/petechiae
 - Hematomas
 - Swelling/edema
 - Redness/erythema
- Identify normal anogenital anatomy and physiology, including but not limited to:
 - Normal anatomical variants
 - Types and patterns of injury potentially associated with sexual abuse
 - Physical findings and medical conditions associated with non-assault related trauma, and potential misinterpretation of same
 - Significance of a normal examination
- Describe appropriate examination positions and methods, including:
 - Labial separation/ traction
 - Supine and prone knee-chest
 - Assistive techniques and equipment for evidence collection where appropriate, including but not limited to:
 1. Alternate light source
 2. Toluidine blue dye application and interpretation
 3. Colposcope versus camera with macro lens for photographs
 4. Urinary catheter technique
 5. Water flushing
 6. Use of swab applicators
- Discuss appropriate physical evidence collection through use of:
 - Current evidence-based forensic standards and references
 - Appropriate identification, collection, and preservation of evidence
 - Appropriate chain of custody procedures

Recognized variations in practice, following local recommendations and guidelines

- Paraphrase findings and prioritize care based on sound critical thinking and decision-making:

Accurately evaluate potential mechanisms of injury for anogenital and non-anogenital findings, including findings that may result from a culturally specific practice, medical condition, or disease process

Appropriately seek medical consultation and trauma intervention when indicated

Accurately document history, findings, and interventions

1. Injury/trauma findings
 2. Normal variations
 3. Disease processes
 4. Diagrams and trauma grams accurately reflect photographic and visualized image documentation
 5. Unbiased and objective evaluations
- Explain the importance of peer review/expert consultation
 - Explain local and legal maintenance and release of records policies

VI. Medicolegal Evidence Collection

These competencies describe the role of the pediatric/adolescent SANE in employing a patient/family-centered approach to the biologic and trace evidentiary needs of pediatric and adolescent victims and suspects (as required).

A. Patient (Victim)-Centered Care

- Recognize the importance of patient participation and collaboration in evidence collection procedures as a means of recovering from sexual abuse/assault (as appropriate)
- Identify the elements of consent and the procedures required for evidence collection with respect to age and capacity
- Discuss basic growth and development stages in the context of building rapport and tailoring the approach to the patient
- Outline evidence collection options that are available within the community to the pediatric and adolescent sexual abuse/assault patient populations to include:

Mandatory reporting requirements

Nonreporting/anonymous evidence collection, if applicable (based on the age of the patient and local statutes)

Medical evaluation and treatment

Define time limits for collection of biologic evidence following sexual abuse/assault, including the differences in time frames for prepubertal victims

Discuss the differences in approach to evidence collection in the prepubertal population (i.e., external versus internal samples)

Identify and describe the types of evidence that can be collected in the pediatric and adolescent sexual abuse/assault patient populations based on the event history, including but not limited to:

1. History documentation
 2. Physical findings identification and documentation
 3. DNA evidence
 4. Trace/non-biological evidence
 5. Clothing/linen evidence
 6. Medicolegal photography
 7. Toxicology
- Define and explain procedures for maintaining the chain of custody
 - Describe criteria associated with a risk assessment for drug-facilitated sexual abuse/assault (DFSA) and identify appropriate evidence collection procedures when warranted
 - Discuss the patient/guardian's concerns and myths regarding evidence collection
 - Articulate an awareness of the potential risks and benefits to the patient/guardian associated with evidence collection
 - Identify adjuncts to assist with the identification and collection of potential sources of biologic and trace evidentiary specimens, demonstrating an awareness of the appropriate use of each of the following tools and associated risks and benefits, including but not limited to:
 - Alternate light sources
 - Wet to dry technique
 - Speculum examination (adolescent/pubertal population)
 - Colposcope use
 - Anoscope use
 - Critically appraise data regarding the abuse/assault to facilitate complete and comprehensive examination and evidence collection
 - Select appropriate nursing diagnoses applicable to the collection of biologic and trace evidentiary specimens following sexual abuse/assault.
 - Example: Actual or potential knowledge deficit related to the time frame associated with obtaining evidentiary results*
 - Identify current evidence-based practice guidelines for the identification, collection, and preservation of biologic and trace evidence specimens following pediatric and adolescent sexual abuse/assault
 - Apply, analyze, and synthesize current evidence-based practice when planning evidentiary procedures
 - Identify appropriate materials and equipment needed for biologic and trace evidence collection
 - Describe modification of evidence collection based on the patient's age, developmental/cognitive level, and tolerance
 - Identify techniques to support the patient/guardian and minimize the potential for additional trauma during evidence collection procedures
 - Identify techniques to facilitate patient participation during evidence collection procedures (as appropriate)

B. Patient (Suspect)-Centered Care

- Outline the differences in victim and suspect examination and evidence collection following sexual abuse/assault
- Define the legal authorization needed to obtain evidentiary specimens and examine a suspect, including:
 - Written consent
 - Search warrant
 - Court order
- Describe the components of a suspect examination
- Define the time limits of collection of biological evidence in the suspect of sexual abuse/assault
- Identify and describe the types of evidence that can be collected in the examination of a suspect following sexual abuse/assault, including but not limited to:
 - DNA evidence
 - Trace/non-biological evidence
 - Physical findings identification and documentation
 - Medicolegal photography
 - Toxicology
- Collect and analyze data regarding the reported abuse/assault to facilitate complete and comprehensive examination and evidence collection in the suspect of a sexual abuse/assault
- Discuss measures to prevent cross-contamination if the examination and/or evidence collection of the victim and suspect is performed in the same facility or by the same examiner

VII. Medicolegal Photography

These competencies demonstrate the pediatric/adolescent SANE's ability to accurately and objectively document physical and evidentiary findings in pediatric and adolescent sexual abuse/assault patient populations through the use of medicolegal photography.

- Describe an understanding of consent, storage, confidentiality, and the appropriate release and use of photographs taken during the medical-forensic examination
- Identify physical findings that warrant photographic documentation
- Identify biologic and/or trace evidentiary findings that warrant photographic documentation
- Collect and analyze data regarding the physiological, psychological, sociocultural, and spiritual needs of pediatric/adolescent patients following sexual abuse/assault that warrant/involve photography
- Select appropriate nursing diagnoses applicable to pediatric/adolescent patients following sexual abuse/assault that warrant/involve photography
 - Example: Anxiety related to disturbances in self-concept when photographs have been taken by the offender*
 - Example: Anxiety related to disturbances in self-concept when medicolegal photographs are used in judicial proceedings*
- Outline different options for obtaining photographs, including colposcopic images and digital equipment

- Identify how select variables affect the clarity of photographic images, including skin color, type and location of findings, lighting, aperture, and film speed
- Discuss key photography principles, including consent, obtaining images that are relevant, a true and accurate representation of the subject matter, and noninflammatory
- Distinguish between images obtained by the examiner as part of the medical/health record and those obtained by other agencies or even the offender
- Identify photography principles as they relate to the types of images required by judicial proceedings, including overall, orientation, close-up, and close-up with scale photographs
- Prioritize photography needs based on assessment data and patient-centered goals
- Adapt photography needs based on patient tolerance
- Select the correct media for obtaining photographs based on the type of physical or evidentiary finding warranting photographic documentation
- Describe the ability to obtain overall, orientation, close-up, and close-up with scale photographs that provide a true and accurate reflection of the subject matter
- Identify situations that may warrant follow-up photographs and discuss options for securing
- Recognize the need for consistent peer review of photographs to ensure quality and accurate interpretation of photographic findings
- Justify the need for anogenital photography in the pediatric population as related to quality assurance, confirmation of the presence or absence of findings, and decreasing the necessity of repeat examinations

VIII. Sexually Transmitted Infection Testing and Prophylaxis

These competencies demonstrate the pediatric/adolescent SANE's role in using the nursing processes when caring for pediatric and adolescent patients following sexual abuse/assault who are at risk for an actual or potential sexually transmitted infection. Select sexually transmitted infections include gonorrhea, chlamydia, trichomoniasis, human immunodeficiency virus, syphilis, herpes, human papillomavirus, and hepatitis B and C.

- Outline the prevalence rates for select sexually transmitted infections
- Identify risk factors for acquiring select sexually transmitted infections
- Recognize symptoms associated with select sexually transmitted infections
- Describe key concepts associated with screening for the risk of transmission of select sexually transmitted infections based on the specifics of the patient's provided history
- Identify the probability of maternal transmission versus community-acquired infection
- Recognize that the presence of sexually transmitted infection(s) may be evidence of sexual abuse/assault in the pediatric/adolescent patient (see Adams's classification)
- Discuss patient and/or parental concerns and myths regarding the transmission, treatment, and prophylaxis of select sexually transmitted infections
- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, and economic needs of pediatric/adolescent sexual assault patient populations at risk for an actual or potential sexually transmitted infection(s)
- Select appropriate nursing diagnoses applicable to pediatric and adolescent patients following sexual abuse/assault who are at risk for actual or potential sexually transmitted infection(s)

Example: Actual or potential knowledge deficit related to risk factors for transmission of select sexually transmitted infections following sexual abuse/assault

- Identify current evidence-based guidelines for the testing and prophylaxis/treatment of sexually transmitted infections when planning care for pediatric/adolescent patients who are at risk for an actual or potential sexually transmitted infection(s) following sexual assault
- Apply, analyze, and synthesize current evidence-based practice when planning care for pediatric/adolescent patients who are at risk for an actual or potential sexually transmitted infection(s) following sexual assault
- Compare the risks and benefits of testing for select sexually transmitted infection(s) during the acute medical-forensic evaluation versus initial follow-up after prophylaxis
- Determine appropriate testing methodologies based on site of collection, pubertal status, and patient tolerance for select sexually transmitted infections (nucleic acid amplification testing (NAAT) versus culture versus serum)
- Distinguish between screening and confirmatory testing methodologies for select sexually transmitted infections
- Identify prophylaxis options, common side effects, routes of administration, contraindications, necessary baseline laboratory specimens when applicable (e.g., HIV), dosing, and follow-up requirements for select sexually transmitted infection(s)
- Recommend appropriate referrals for follow-up testing (e.g., HIV nPEP)
- Establish, communicate, evaluate, and revise individualized short- and long-term goals based on the physiological, psychological, sociocultural, spiritual, and economic needs of pediatric/adolescent patients following sexual abuse/assault who are at risk for an actual or potential sexually transmitted infection(s)
- Prioritize care based on assessment data and patient-centered goals
- Discuss appropriate sexually transmitted infection(s) testing and prophylaxis based on current evidence-based practice, risk factors for transmission, and symptomology
- Adapt sexually transmitted infection(s) testing and prophylaxis based on patient tolerance, adherence, and contraindications
- Appropriately seek medical consultation when indicated
- Describe an understanding of collection, preservation, and transport of testing medias for select sexually transmitted infections(s)
- Identify and explain necessary follow-up care and discharge instructions associated with select sexually transmitted infection(s)

IX. Pregnancy Testing and Prophylaxis

These competencies provide the pediatric/adolescent SANE with the necessary knowledge and skills to accurately assess the risk of pregnancy following sexual abuse/assault and to provide the pediatric and adolescent patient with options for care, including information for receiving emergency contraception.

- Describe the prevalence rates for pregnancy following sexual abuse/assault
- Describe the risk evaluation for pregnancy following sexual abuse/assault based on the specifics of the patient's provided history and pubertal status
- Identify appropriate testing methods (e.g., blood versus urine; quantitative versus qualitative)

- Compare the effectiveness of birth control methods
- Describe key concepts regarding emergency contraception, including:
 - Mechanism of action
 - Baseline testing
 - Side effects
 - Administration
 - Failure rate
 - Follow-up requirements
- Discuss patient and parental concerns and myths regarding pregnancy prophylaxis
- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, and economic needs of pediatric and adolescent patients who are at risk for an unwanted pregnancy following sexual abuse/assault
- Select appropriate nursing diagnoses applicable to pediatric and adolescent sexual abuse/assault patients who are at risk for pregnancy following sexual abuse/assault
 - Example: Actual or potential alteration in self-concept related to ethical concerns regarding taking emergency contraception following sexual abuse/assault*
- Identify current evidence-based guidelines for pregnancy prophylaxis when planning care for pediatric and adolescent patients at risk for unwanted pregnancy following sexual abuse/assault

X. Medicolegal Documentation

These competencies provide the SANE with the necessary knowledge to accurately, objectively, and concisely document findings and evidence associated with a pediatric/adolescent sexual abuse/assault.

- Define and describe principles associated with professional medicolegal documentation, including:
 - Roles and responsibilities of the forensic nurse in documenting pediatric and adolescent sexual assault/abuse examinations
 1. Accurately reflect the steps of the nursing process, including patient/family-centered care, needs, and goals
 2. Accurately and clearly differentiate between sources for all information provided
 3. Accurately reflect patient assault history using patient/guardian's words verbatim as much as possible
 - a) Include questions asked by the guardian and/or the SANE
 - b) Differentiate between objective and subjective data

Legal considerations, including:

1. Joint Commission (JC) or other accreditation requirements (see legal requirements section)
2. Health Insurance Portability and Accountability Act (HIPAA) or other confidentiality requirements (see legal requirements section)
3. Mandated reporting requirements (see legal requirements section)
4. Consent (see legal requirements section)

Judicial considerations, including:

1. True and accurate representation

2. Objective and unbiased evaluation
 3. Chain of custody
- Identify and describe the key principles for the following types of documentation, including consent, access, storage, archiving, and retention:
 - Written/electronic medical records
 - Body diagrams
 - Photographs (see medicolegal photography section)
 - Define terminology related to pediatric/adolescent sexual abuse/assault
 - Describe the purpose of professional medicolegal documentation, including:
 - Communication
 - Accountability
 - Quality improvement
 - Peer review
 - Research
 - Describe all necessary documentation elements of the case:
 - Demographic data
 - Consent
 - History of assault/abuse
 - Patient presentation
 - Medical history
 - Physical examination and findings
 - Genital examination and findings
 - Impression/opinion
 - Treatment
 - Interventions
 - Mandatory reporting requirements
 - Discharge plan and follow-up

XI. Discharge and Follow-Up Planning

These competencies are designed to provide the pediatric/adolescent SANE with the necessary knowledge to develop, prioritize, and facilitate appropriate discharge and follow-up plans of care for the pediatric/adolescent sexual abuse/assault patient populations, based on the individual needs of each patient and the consideration of age, developmental level, cultural values, and geographic differences on subsequent care.

- Identify appropriate resources that address the specific safety, medical, and forensic needs of pediatric/adolescent patients following sexual abuse/assault
- Recognize the need to structure individualized discharge planning and follow-up care based on medical, forensic, and patient priorities
- Facilitate access to appropriate multidisciplinary collaborative agencies where available
- Demonstrate an awareness of differences in discharge and follow-up concerns related to age, developmental level, cultural diversity, family dynamics, and geographic differences
- Determine appropriate nursing diagnoses applicable to pediatric/adolescent patients

following sexual abuse/assault, addressing actual or potential concerns for discharge and follow-up

Example: Nonadherence related to the follow-up plan of care

- Identify evidence-based guidelines for discharge and follow-up care following a pediatric/adolescent sexual abuse/assault
- Apply, analyze, and synthesize current evidence-based practice when planning and prioritizing discharge and follow-up care associated with safety, psychological, forensic, or medical issues, including the prevention and/or treatment of sexually transmitted infection(s) and pregnancy
- Modify and facilitate plans for treatment, referrals, and follow-up care based upon patient/family needs and concerns
- Generate, communicate, evaluate, and revise individualized short- and long-term goals related to discharge and follow-up needs
- Determine and discuss appropriate follow-up care and discharge needs based on current evidence-based practice, recognizing differences related to age, developmental level, cultural diversity, and geography

XII. Legal Considerations and Judicial Proceedings

These target competencies are designed to provide the pediatric/adolescent SANE with the necessary foundational knowledge and skills to effectively consider legal requirements that affect the provision of care to child and adolescent patients following sexual abuse/assault and to provide objective, accurate, evidence-based testimony in judicial proceedings.

A. Legal Considerations

Consent

- Describe the key concepts associated with obtaining informed consent
- Identify the appropriate methodology for obtaining consent to perform a medicolegal-forensic evaluation in pediatric/adolescent patient populations
- Differentiate between legal requirements associated with consent or refusal of medical care versus consent or refusal of evidence collection and release
- Identify the impact of age, developmental level, and physical and mental incapacitation on consent procedures, and the appropriate methodology for securing consent in each instance
- Identify legal exceptions to obtaining consent as applicable to the practice area
- Explain consent procedures and options to pediatric and adolescent patient populations
- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, and economic needs of pediatric and adolescent patients following sexual abuse/assault that may affect informed consent procedures
- Select appropriate nursing diagnoses applicable to pediatric/adolescent patients following sexual abuse/assault regarding consent

Example: Decisional conflict: Uncertainty related to the provision of consent for a medicolegal-forensic evaluation following pediatric abuse/assault

Reimbursement

- Describe crime victim compensation/reimbursement options that are associated with the provision of a medicolegal-forensic evaluation in cases of pediatric/adolescent sexual abuse/assault
- Explain reimbursement procedures and options to pediatric and adolescent patient populations
- Select appropriate nursing diagnoses applicable to pediatric sexual abuse/assault patient populations regarding reimbursement for medicolegal care, if applicable

Example: Knowledge deficit regarding options for securing reimbursement for medicolegal care

Confidentiality

- Describe the legal requirements associated with patient confidentiality and their impact on the provision of protected health information to patients, families, and multidisciplinary agencies, including:
 - Health Insurance Portability and Accountability Act (HIPAA) or other applicable confidentiality legislation
 - Key concepts associated with informed consent and the release of protected health information
- Explain procedures associated with confidentiality to pediatric and adolescent patient populations
- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, safety, and economic needs of pediatric and adolescent sexual abuse/assault patients that may impact confidentiality procedures
- Select appropriate nursing diagnoses applicable to pediatric sexual abuse/assault patient populations regarding confidentiality of protected health information

Example: Anxiety related to the release of protected health information to investigative agencies

Medical screening examinations

- Describe legal requirements associated with the provision of a medical screening examination and its impact on the provision of medicolegal-forensic care in pediatric and adolescent patients following sexual abuse/assault, including:
 - Emergency Medical Treatment and Active Labor Act (EMTALA) or other applicable legislation
- Recognize the necessary procedures to secure informed consent and informed refusal in accordance with applicable legislation
- Recognize the necessary procedures to transfer a patient in accordance with applicable legislation
- Identify, prioritize, and secure appropriate medical treatment as indicated by specific presenting chief complaints
- Explain medical screening procedures and options to pediatric and adolescent patient populations
- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, and economic needs of pediatric and adolescent sexual abuse/assault patient populations that may affect medical procedures

- Select appropriate nursing diagnoses applicable to pediatric and adolescent sexual abuse/assault patient populations regarding medical screening examinations

Example: Anxiety related to examination after sexual abuse/assault

Mandated reporting requirements

- Describe legal requirements associated with mandated reporting requirements in pediatric/adolescent patient populations
- Explain mandatory reporting requirement procedures to pediatric/adolescent patient populations
- Differentiate between reported and restricted/anonymous medicolegal evaluations following sexual abuse/assault, if applicable (based on age of patient and local statutes)
- Demonstrate the knowledge needed to appropriately modify medicolegal evaluation procedures in non-reported/anonymous cases
- Collect and analyze data regarding the physiological, psychological, sociocultural, spiritual, and economic needs of pediatric and adolescent sexual abuse/assault patient populations that may impact mandated reporting requirement procedures
- Select appropriate nursing diagnoses applicable to pediatric sexual abuse/assault patient populations regarding mandatory reporting requirements

Example: Feeling of fear/powerlessness related to mandatory reporting requirements

B. Judicial Proceedings

- Describe legal definitions associated with child sexual abuse/assault
- Identify pertinent case law and judicial precedence that affect the provision of testimony in judicial proceedings, including but not limited to:
 - Admissibility or other applicable laws specific to the area of practice
 - Rules of evidence or other applicable laws specific to the area of practice
 - Hearsay or other applicable laws specific to the area of practice
- Differentiate between family, civil, and criminal judicial proceedings to include applicable rules of evidence
- Differentiate between the roles and responsibilities of fact versus expert witnesses in judicial proceedings
- Differentiate between judge versus jury trials
- Verbalize an understanding of the following judicial processes:
 - Indictment
 - Arraignment
 - Plea agreement
 - Sentencing
 - Deposition
 - Subpoena
 - Direct examination
 - Cross-examination
 - Objections

- Identify the forensic nurse’s role in judicial proceedings, including but not limited to:
 - Educating the trier of fact
 - Provision of effective testimony
 - Demeanor and appearance
 - Objectivity
 - Accuracy
 - Evidence-based testimony
 - Professionalism
- Discuss the key processes associated with pretrial preparation

PEDIATRIC/ADOLESCENT CLINICAL PRECEPTORSHIP CONTENT

Clinical Education Component

The clinical preceptorship is designed to complement the classroom educational experience and allow the SANE to apply information and skills obtained during the classroom experience. The required clinical experience is in addition to the 40-hour didactic course. It is recommended that this preceptorship be completed with the guidance of a physician, advanced practice nurse, or a forensically experienced registered nurse.

Clinical preceptor experiences should be completed in a time frame that ensures competency and maximum retention of knowledge and skills, typically within six months of completion of the didactic training. Required clinical skills shall be performed until competent, and competency is determined by the professional assessing the required clinical skills.

The Dreyfus Model of Skills Acquisition proposes that any skill training procedure must be based on some model of skill acquisition to address, at each stage of training, the appropriate issues involved in facilitating advancement. This model moves adult learners through five levels of development: 1) novice 2) advanced beginner 3) competent 4) proficient, and 5) expert (Dreyfus, 1980). Benner (1982) used this same model to publish a study regarding how nurses develop clinically. Benner proposed that the novice has no practical experience and little understanding of contextual meaning; the advanced beginner has enough patient care experience to recognize and discriminate priorities; the competent nurse has practiced in the same population for two or three years, is efficient, organized, and capable of developing plans of care; the proficient nurse sees the whole picture and can anticipate patient needs based on experience with that population; and the expert nurse has a comprehensive grasp of patient care situations and can focus on problems and address them with flexibility and proficiency.

In the majority of cases, the newly trained SANE will begin her or his practice at the novice or advanced beginner stages of skill acquisition because both the patient population and the role are new to the nurse. For this reason, and in recognition of Benner’s description of clinical nursing development, it is recommended that a minimum of two years in clinical practice as a registered nurse occur prior to practicing as a SANE.

Given the diversity of communities and the different challenges facing rural, low-volume versus urban, high-volume communities, multiple options for clinical skill attainment must be recognized. Clinical skills acquisition may be obtained using any of the following approaches:

■ ■ ■ Approach 1:

A. Clinical experience with non-sexual assault patients while being precepted by a physician, physician assistant, or advanced practice nurse, adhering to the clinical content described below until competency is achieved; and

B. Clinical experience with patients following sexual assault while being precepted by a physician, advanced practice nurse, or a forensically experienced registered nurse, adhering to the clinical content described below until competency is achieved at the local program level.

■ ■ ■ Approach 2:

A. Simulated patient experiences use live models while being precepted by a physician, physician assistant, advanced practice nurse, or a forensically experienced registered nurse, adhering to the clinical content described below until competency is achieved; and

B. Clinical experience with patients following sexual assault while being precepted by a physician, advanced practice nurse, or a forensically experienced registered nurse, adhering to the clinical content described below until competency is achieved at the local program level.

■ ■ ■ Approach 3:

A. Simulated patient experiences using medical simulation models while being precepted by a physician, physician assistant, advanced practice nurse, or a forensically experienced registered nurse, adhering to the clinical content described below; and

B. Clinical experience with patients following sexual assault while being precepted by a physician, advanced practice nurse, or a forensically experienced registered nurse, adhering to the clinical content described below until competency is achieved at the local program level.

The following clinical education content identifies the framework for the SANE who cares for the pediatric/adolescent sexual abuse/assault patient population. These target competencies outline the minimum level of instruction required during the clinical preceptorship experience. As with the didactic portion of training, the clinical competencies are grounded in the nursing process of assessment, diagnosis, outcomes/planning, implementation, and evaluation.

- Explain the rationale for history taking and demonstrate effective history-taking skills
- Demonstrate the ability to prioritize a comprehensive health history and review of systems, including:
 - Health history and immunization status
 - History of the event
- Demonstrate the ability to differentiate between histories obtained from the following sources:
 - Patient
 - Family/caregiver/guardian
 - Law enforcement officials
 - Child protection agency personnel
- Demonstrate knowledge related to the psychosocial assessment of the child/adolescent related to the event

- Explain the rationale for head-to-toe assessment and demonstrate the complete head-to-toe assessment
- Prepare the child/adolescent for the anogenital examination
- Differentiate normal anogenital anatomy from normal variants and abnormal findings
- Use appropriate examination positions and methods, including:
 - Labial separation/ traction
 - Supine frog leg
 - Supine and prone knee-chest
- Implement appropriate physical evidence collection through use of:
 - Current evidence-based forensic standards and references
 - Appropriate identification, collection, and preservation of evidence
 - Appropriate chain of custody procedures
 - Recognized variations in practice, following local recommendations and guidelines
- Explain the rationale for and demonstrate the following visualization techniques:
 - Labial separation
 - Labial traction
 - Hymenal assessment (urinary catheter, fox swab/ “comfort tip” applicators, etc.)
 - Speculum assessment of the vagina and cervix in the adolescent
- Demonstrate the proper collection of specimens for testing for sexually transmitted infection(s)
- Explain the rationale for specific STI tests and collection techniques
- Demonstrate proper collection of evidence (dependent on local practice), including:
 - Buccal swabs
 - Oral swabs and smear
 - Bite mark swabbing
 - Other body surface swabbing
 - Fingernail clippings/swabbings
 - Anal swabs and smear
 - Vaginal swabs and smear
 - Cervical swabs and smear
 - Head hair combing/collection
 - Pubic hair combing/ collection
 - Clothing
 - Toxicology
- Explain the rationale behind a specific type and manner of evidentiary specimen collection
- Demonstrate proper packaging of evidentiary materials
- Demonstrate proper sealing of evidentiary materials
- Explain the rationale for the packaging and sealing of evidentiary material
- Demonstrate proper maintenance of the chain of custody for evidentiary materials

- Explain the rationale for maintaining proper chain of custody
- Demonstrate an understanding of the differences in approach to evidence collection in the prepubertal population (i.e., external versus internal samples)
- Demonstrate the ability to modify evidence collection based on the patient's age, developmental/cognitive level, and tolerance
- Demonstrate the ability to evaluate the effectiveness of established discharge and follow-up plans of care, and revise the established plan of care while adhering to current evidence-based practice guidelines
- Demonstrate the ability to evaluate the effectiveness of the established plan of care and to modify/adapt care based on changes in data collection, using the nursing process

Participation in chart review, peer review, ongoing education, supervision, and mentoring is essential to prepare and sustain the registered nurse for the pediatric/adolescent SANE role. It is recommended that every SANE, novice through expert, regularly participate in these activities.

Optional Preceptorship Content

Optional preceptorship content describes areas that instructors may choose to include in the overall program expectation, but are areas IAFN does not deem expected as part of the SANE's training as these may not be readily available in all communities.

- Explain the rationale for and demonstrate the following visualization techniques:
 - Anogenital toluidine blue dye application and removal as applicable to local practice
 - Specialized equipment commonly used in practice such as magnification tools, colposcopes, alternate light sources (ALS), etc.
- Demonstrate the effective use of a camera to document examination findings

REFERENCES

- Alaggia, R. (2004). Many ways of telling: Expanding conceptualizations of child sexual abuse disclosure. *Child Abuse & Neglect, 28*(11), 1213-1227.
- Barnes, J. E., Noll, J. G., Putnam, F. W., & Trickett, P. K. (2009). Sexual and physical revictimization among victims of severe childhood sexual abuse. *Child Abuse & Neglect, 33*(7), 412-420.
- Danielson, C. K., & Holmes, M. M. (2004). Adolescent sexual assault: An update of the literature. *Current Opinion in Obstetrics & Gynecology, 16*(5), 383-388.
- Felitti, V. J., Anda, R. F., Nordenberg, D., Williamson, D. F., Spitz, A. M., Edwards, V., Koss, M. P., & Marks, J. S. (1998). Relationship of childhood abuse and household dysfunction to many of the leading causes of death in adults. The Adverse Childhood Experiences (ACE) Study. *American Journal of Preventive Medicine, 14*(4), 245-258.
- Finkel, M. (2012). Children's disclosure of sexual abuse. *Pediatric Annals, 41*(12), 1-6.
- Finkelhor, D., Turner, H., Ormrod, R., & Hamby, S. (2009). Violence, abuse, and crime exposure in a national sample of children and youth. *Pediatrics, 124*(5), 1411-1423.
- International Association of Forensic Nurses & American Nurses Association. (2007). *Forensic nursing: Scope and standards of practice*. Silver Spring, MD: Nursesbooks.org.
- Malloy, L., Lyon, T., & Quas, J. (2007). Filial dependency and recantation of child sexual abuse allegations. *Journal of the American Academy of Child & Adolescent Psychiatry, 46*(2), 162-170.
- Noll, J. G., Shenk, C. E., & Putnam, K. T. (2009). Childhood sexual abuse and adolescent pregnancy: A meta-analytic update. *Journal of Pediatric Psychology, 34*(4), 366-378.
- Paolucci, E. O., Genuis, M. L., & Violato, C. (2001). A meta-analysis of the published research on the effects of child sexual abuse. *Journal of Psychology, 135*(1), 17-36.
- World Health Organization. (1999). *Report of the consultation on child abuse prevention*. Geneva, Switzerland: World Health Organization.
- World Health Organization. (2003). *Guidelines for medico-legal care for victims of sexual violence*. Geneva, Switzerland: World Health Organization.
- World Health Organization & International Society for the Prevention of Child Abuse & Neglect. (2006). *Preventing child maltreatment: A guide to taking action and generating evidence*. Geneva, Switzerland: World Health Organization.

MEDICAL EVALUATION

- Adams, J. (1997). Sexual abuse and adolescents. *Pediatric Annals, 26*(5), 299-304.
- Adams, J. A. (2004). Medical evaluation of suspected child sexual abuse. *Journal of Pediatric & Adolescent Gynecology, 17*(3), 191-197.
- Adams, J. A. (2011). Medical evaluation of suspected child sexual abuse: 2011 update. *Journal of Child Sexual Abuse, 20*(5), 588-605.
- Adams, J. A., Girardin, B., & Faugno, D. (2001). Adolescent sexual assault: Documentation of acute injuries using photo-colposcopy. *Journal of Adolescent & Pediatric Gynecology, 14*(4), 175-180.
- Adams, J., Kaplan, R. A., Starling, S. P., Mehta, N. H., Finkel, M. A., Botash, A. S., Kellogg N. D., & Shapiro, R. A. (2007). Guidelines for medical care of children who may have been sexually abused. *Journal of Pediatric & Adolescent Gynecology, 20*(3), 163-172.
- Alexander, R. A. (2011). Medical advances in child sexual abuse. *Journal of Child Sexual Abuse, 20*(5), 481-485.
- American Academy of Pediatrics Committee on Child Abuse & Neglect. (1999). Guidelines for the evaluation of sexual abuse of children: Subject review. *Pediatrics, 103*(1), 186-191.
- Atabaki, S., & Paradise, J. E. (1999). The medical evaluation of the sexually abused child: Lessons from a decade of research. *Pediatrics, 104*(1), 178-186.
- Bechtel, K., & Carroll, M. (2003). Medical and forensic evaluation of the adolescent after sexual assault. *Clinical Pediatric Emergency Medicine, 4*(1), 37-46.
- Bechtel, K., Ryan, E., & Gallagher, D. (2008). Impact of sexual assault nurse examiners on the evaluation of sexual assault in a pediatric emergency department. *Pediatric Emergency Medicine, 24*(7), 442-447.
- Bernard, D., Peters, M., & Makoroff, K. (2006). The evaluation of suspected pediatric sexual abuse. *Clinical Pediatric Emergency Medicine, 7*(3), 161-169.

- Biron Campis, L. B., Hebden-Curtis, J., & DeMaso, D. R. (1993). Developmental differences in detection and disclosure of sexual abuse. *Journal of the American Academy of Child & Adolescent Psychiatry*, 32(5), 920-924.
- Botash, A. S. (1997). Examination for sexual abuse in prepubertal children: An update. *Pediatric Annals*, 26(5), 312-320.
- Bowen, K., & Aldous, M. B. (1999). Medical evaluation of sexual abuse in children without disclosed or witnessed abuse. *Archives of Pediatrics & Adolescent Medicine*, 153(11), 1160-1164.
- Boyle, C., McCann, J., Miyamoto, S., & Rogers, K. (2008). Comparison of examination methods used in the evaluation of prepubertal and pubertal female genitalia: A descriptive study. *Child Abuse & Neglect*, 32(2), 229-243.
- Christian, C. W. (2011). Timing of the medical examination. *Journal of Child Sexual Abuse*, 20(5), 505-520.
- Edgardh, K., Krogh, G., & Ormstad, K. (1999). Adolescent girls investigated for sexual abuse: History, physical findings and legal outcome. *Forensic Science International*, 104(1), 1-15.
- Edinburgh, L., Saewyc, E., & Levitt, C. (2008). Caring for adolescent sexual abuse victims in a hospital-based children's advocacy center. *Child Abuse & Neglect*, 32(12), 1119-1126.
- Finkel, M. A., & Alexander, R. A. (2011). Conducting the medical history. *Journal of Child Sexual Abuse*, 20(5), 486-504.
- Floyed, R., Hirsh, D. A., Greenbaum, V. J., & Simon, H. K. (2011). Development of a screening tool for pediatric sexual assault may reduce emergency-department visits. *Pediatrics*, 128(2), 121-126.
- Fortin, K., & Jenny, C. (2012). Sexual abuse. *Pediatrics in Review*, 33(1), 19-32.
- Glick, N. P., Lating, J. M., & Kotchick, B. (2004). Child sexual abuse evaluations in an emergency room: An overview and suggestions for a multidisciplinary approach. *International Journal of Emergency Mental Health*, 6(3), 111-120.
- Gordon, S., & Jaudes, P. K. (1996). Sexual abuse evaluations in the emergency department: Is the history reliable? *Child Abuse & Neglect*, 20(4), 315-322.
- Grossin, C., Sibille, I., Lorin de la Grandmaison, G., Bansar, A., Brion, F., & Durigon, M. Analysis of 418 cases of sexual assault. *Forensic Science International*, 131(2-3), 125-130.
- Hornor, G. (2011). Medical evaluation for child sexual abuse: What the PNP needs to know. *Journal of Pediatric Health Care*, 25(4), 250-256.
- Hymel, K. P., & Jenny, C. (1996). Child sexual abuse. *Pediatrics in Review*, 17(7), 236-249.
- Jackson, A. M., Rucker, A., Hinds, T., & Wright, J. L. (2006). Let the record speak: Medicolegal documentation in cases of child maltreatment. *Clinical Pediatric Emergency Medicine*, 7(3), 181-185.
- Jenny, C. (2010). Emergency evaluation of children when sexual assault is suspected. *Pediatrics*, 128(2), 374-375.
- Jenny, C. (2011). *Child abuse and neglect: Diagnosis, treatment, and evidence*. St. Louis, MO: Elsevier Saunders.
- Jenny, C., Crawford-Jakubiak, J. E., & Committee on Child Abuse & Neglect. (2013). The evaluation of children in the primary care setting when sexual abuse is suspected. *Pediatrics*, 132(2), e588-e567.
- Johnson, C. F. (2006). Sexual abuse of children. *Pediatrics in Review*, 27, 17-27.
- Kaplan, R., Adams, J. A., Starling, S. P., & Giardino, A. P. (2011). *Medical response to child sexual abuse*. St. Louis, MO: STM Learning.
- Kaufman, M. (2008). Care of the adolescent sexual assault victim. *Pediatrics*, 122(2), 462-470.
- Kellogg, N., & American Academy of Pediatrics Committee on Child Abuse & Neglect. (2005). The evaluation of sexual abuse in children. *Pediatrics*, 116(2), 506-512.
- Kerns, D. L. (1998). Triage and referrals for child sexual abuse examinations: Which children are likely to have positive medical findings? *Child Abuse & Neglect*, 22(6), 515-518.
- Kirk, C., Logie, L., & Mok, J. Y. Q. (2010). Diagnosing sexual abuse (excluding forensics). *Paediatrics & Child Health*, 20(12), 556-560.
- Lahoti, S. L., McClain, N., Giardet, R., McNeese, M., & Cheung, K. (2001). Evaluating the child for sexual abuse. *American Family Physician*, 63(5), 883-892.
- Lamb, M. E., Sternberg, K. J., & Esplin, P. W. (2000). Effects of age and development on the amount of information provided by alleged sex abuse victims in investigative interviews. *Child Development*, 71(6), 1586-1596.

- Ledray, L. E. (1992). The sexual assault nurse clinician: A fifteen-year experience in Minneapolis. *Journal of Emergency Nursing*, 18(3), 217-222.
- Matkins, P. P., & Jordan, K. S. (2009). Pediatric sexual abuse: Emergency department evaluation and management. *Advanced Emergency Nursing Journal*, 31(2), 140-152.
- Marks, S., Lamb, R., & Tzioumi, D. (2008). Do no more harm: The psychological stress of the medical examination for alleged child sexual abuse. *Journal of Paediatrics & Child Health*, 45(3), 125-132.
- McCann, J., Voris, J., Simon, M., & Wells, R. (1990). Comparison of genital examination techniques in pre-pubertal girls. *Pediatrics*, 85(2), 182-187.
- McDonald, K. C. (2007). Child abuse: Approach and management. *American Family Physician*, 75(2), 221-228.
- Mears, C. J., Heflin, A. H., Finkel, M. A., Deblinger, E., & Steer, R. A. (2003). Adolescents' responses to sexual abuse evaluation including the use of video colposcopy. *Journal of Adolescent Health*, 33(1), 18-24.
- Mollen, C. J., Goyal, M. K., & Frioux, S. F. (2012). Acute sexual assault: A review. *Pediatric Emergency Care*, 28(6), 584-590.
- Muram, D. (1993). Child sexual abuse. *Current Opinion in Obstetrics & Gynecology*, 5(6), 784-790.
- Newton, A. W., & Vandeven, A. M. (2010). The role of the medical provider in the evaluation of sexually abused children and adolescents. *Journal of Child Sexual Abuse*, 19(6), 669-686.
- Palusci, V. J., Cox, E. O., Cyrus, T. A., Heartwell, S. W., Vandervort, F. E., & Pott, E. S. (1999). Medical assessment and legal outcome in child sexual abuse. *Archives of Pediatrics & Adolescent Medicine*, 153(4), 388-392.
- Palusci, V. J., Cox, E. O., Shatz, E. M., & Shultze, J. M. (2006). Urgent medical assessment after child sexual abuse. *Child Abuse & Neglect*, 30(4), 367-380.
- Palusci, V. J., & Cyrus, T. A. (2001). Reaction to videocolposcopy in the assessment of child sexual abuse. *Child Abuse & Neglect*, 25(11), 1535-1546.
- Paradise, J. (1999). The medical evaluation of the sexually abused child: Lessons from a decade of research. *Pediatrics*, 104(1), 178-186.
- Pharris, M. D., & Nafstad, S. S. (2002). Nursing care of adolescents who have been sexually assaulted. *Nursing Clinics of North America*, 37(3), 475-497.
- Smith, W. G., Metcalfe, M., Cormode, E. J., & Holder, N. (2005). Approach to evaluation of sexual assault in children: Experience of a secondary-level regional pediatric sexual assault clinic. *Canadian Family Physician*, 51(10), 1347-1351.
- Straight, J. D., & Heaton, P. C. (2007). Emergency department care for victims of sexual offense. *American Journal of Health-System Pharmacy*, 64(17), 1845-1850.
- Texas Pediatric Society Committee on Child Abuse & Neglect. (2001). *The medical evaluation of child and adolescent sexual abuse*. N. D. Kellogg & J. L. Lukefahr (Eds.). Austin, TX: Texas Pediatric Society.
- Thompson, C. (2006). Review of 212 individuals attending a city centre genitourinary medicine clinic following acute sexual assault. *Journal of Clinical Forensic Medicine*, 13(4), 186-188.
- Valente, S. M. (2005). Sexual abuse of boys. *Journal of Child & Adolescent Psychiatric Nursing*, 18(1), 10-16.
- Vandeven, A. M., & Emans, S. J. (1992). Sexual abuse of children and adolescents. *Current Opinion in Obstetrics & Gynecology*, 4(6), 843-848.
- Waibel-Duncan, M. K. (2004). Identifying competence in the context of the pediatric anogenital exam. *Journal of Child & Adolescent Psychiatric Nursing*, 17(1), 21-28.
- Waibel-Duncan, M. K., & Sanger, M. (2004). Coping with the pediatric anogenital exam. *Journal of Child & Adolescent Psychiatric Nursing*, 17(3), 126-136.
- Walsh, C., Jamieson, E., Macmillan, H., & Trocme, N. (2004). Measuring child sexual abuse in children and youth. *Journal of Child Sexual Abuse*, 13(1), 39-68.
- Watkeys, J. M., Price, L. D., & Maddocks, A. (2008). The timing of the medical examination following an allegation of sexual abuse: Is this an emergency? *Archives of Disease in Childhood*, 93(10), 851-856.
- Watkins, B., & Bentovin, A. (1992). The sexual abuse of male children and adolescents: A review of current research. *Journal of Child Psychology & Psychiatry*, 33(1), 197-248.

INTERPRETATION OF EXAMINATION FINDINGS

- Adams, J. A. (2005). Approach to the interpretation of medical and laboratory findings in suspected child sexual abuse: A 2005 revision. *APSAC Advisor*, 7-13.
- Adams, J., Harper, K., & Knudson, S. (1996). Genital findings in adolescent girls referred for suspected sexual abuse. *Archives of Pediatrics & Adolescent Medicine*, 150(8), 850-857.
- Andherst, J., Kellogg, N., & Jung, I. (2009). Reports of repetitive penile-genital penetration often have no definitive evidence of penetration. *Pediatrics*, 124(3), e403-e409.
- Berenson, A. (1998). Normal anogenital anatomy. *Child Abuse & Neglect*, 22(6), 589-596.
- Berenson, A., Chacko, M., & Wiemann, C. (2002). Use of hymenal measurements in the diagnosis of previous penetration. *Pediatrics*, 109(2), 228-235.
- Berenson, A., Chacko, M., Weimann, C., Friedrich, W., & Grady, J. (2000). A case control study of anatomical changes resulting from sexual abuse. *American Journal of Obstetrics & Gynecology*, 182(4), 820-834.
- Berenson, A., & Grady, J. (2002). A longitudinal study of hymenal development from 3 to 9 years of age. *Journal of Pediatrics*, 140(5), 600-607.
- Berkoff, M. C., Zolotor, A. J., Makoroff, K. L., Thackeray, J. D., Shapiro, R. A., & Runyan, D. K. (2008). Has this prepubertal girl been sexually abused? *Journal of the American Medical Association*, 300(23), 2779-2792.
- Boos, S. (1999). Accidental hymenal injury mimicking sexual trauma. *Pediatrics*, 103(6), 1287-1289.
- Boos, S., Rosas, A., Boyle, C., & McCann, J. (2003). Anogenital injuries in child pedestrians run over by low-speed motor vehicles: Four cases with findings that mimic child sexual abuse. *Pediatrics*, 112(1), e77-e84.
- Heger, A., Ticson, L., Guerra, L., Lister, J., Zaragoza, T., McConnell, G., & Morahan, M. (2002). Appearance of the genitalia in girls selected for nonabuse: Review of hymenal morphology and nonspecific findings. *Journal of Pediatric & Adolescent Gynecology*, 15(1), 27-35.
- Heger, A., Ticson, L., Velasquez, O., & Bernier, R. (2002). Children referred for possible sexual abuse: Medical findings in 2384 children. *Child Abuse & Neglect*, 26(6-7), 645-659.
- Heppenstall-Heger, A., McConnell, G., Ticson, L., Guerra, L., Lister, J., & Zaragoza, T. (2003). Healing patterns in anogenital injuries: A longitudinal study of injuries associated with sexual abuse, accidental injuries, or genital surgery in the preadolescent child. *Pediatrics*, 112(4), 829-837.
- Herrmann, B., & Crawford, J. (2002). Genital injuries in prepubertal girls from inline skating accidents. *Pediatrics*, 110(2), e16.
- Hibbard, R. A. (1998). Triage and referrals for child sexual abuse medical examinations from the sociolegal system. *Child Abuse & Neglect*, 22(6), 503-513.
- Hobbs, C. J., & Osman, J. (2007). Genital injuries in boys and abuse. *Archives of Disease in Childhood*, 92(4), 328-331.
- Jones, J. S., Dunnuck, C., Rossman, L., Wynn, B. N., & Genco, M. (2003). Adolescent Foley catheter technique for visualizing hymenal injuries in adolescent sexual assault. *Academic Emergency Medicine*, 10(9), 1001-1004.
- Jones, J. S., Rossman, L., Wynn, B. N., & Dunnuck, C. (2003). Comparative analysis of adult versus adolescent sexual assault: Epidemiology and patterns of anogenital injury. *Academic Emergency Medicine*, 10(8), 872-877.
- Kadish, H. A., Schunk, J. E., & Britton, H. (1998). Pediatric male rectal and genital trauma: Accidental and nonaccidental injuries. *Pediatric Emergency Care*, 14(2), 95-98.
- Makoroff, K. L., Brauley, J. L., Brandner, A. M., Myers, P. A., & Shapiro, R. A. (2002). Genital examinations for alleged sexual abuse of prepubertal girls: Findings by pediatric emergency medicine physicians compared with child abuse trained physicians. *Child Abuse & Neglect*, 26(120), 1235-1242.
- McCann, J. (1998). The appearance of acute, healing and healed anogenital trauma. *Child Abuse & Neglect*, 22(6), 605-615.
- McCann, J., Miyamoto, S., Boyle, C., & Rogers, K. (2009). Healing of nonhymenal genital injuries in prepubertal and adolescent girls: A descriptive study. *Pediatrics*, 120(5), 1000-1011.
- McCann, J., Voris, J., & Simon, M. (1992). Genital injuries resulting from sexual abuse: A longitudinal study. *Pediatrics*, 89(2), 307-310.
- Merritt, D. (2008). Genital trauma in children and adolescents. *Clinical Obstetrics & Gynecology*, 51(2), 237-248.

- Nazer, D., & Palusci, V. J. (2008). Child sexual abuse: Can anatomy explain the presentation? *Clinical Pediatrics*, 47(1), 7-14.
- Pokorny, S. F. (1993). The genital examination of the infant through adolescence. *Current Opinion in Obstetrics & Gynecology*, 5(6), 753-757.

FORENSIC EVIDENCE COLLECTION

- Burg, A., Kahn, R., & Welch, K. (2010). DNA testing of sexual assault evidence: The laboratory perspective. *Journal of Forensic Nursing*, 7(3), 145-152.
- Christian, C. W., Lavelle, J. M., Dejong, A. R., Loiselle, J., Brenner, L., & Joffe, M. (2000). Forensic evidence findings in prepubertal victims of sexual assault. *Pediatrics*, 106(1), 100-104.
- Eisert, P. J., Eldredge, K., Hartlaub, T., Huggins, E., Keirn, G., O'Brien, P., Rozzi, H. V., Pugh, L. C., & March, K. S. (2010). CSI: New @ York: Development of forensic guidelines for the emergency department. *Critical Care Nursing Quarterly*, 33(2), 190-199.
- Giradet, R., Bolton, K., Lahoti, S., Mowbray, H., Giardino, A., Isaac, R., Arnold, W., Mead, B., & Paes, N. (2011). Collection of forensic evidence from pediatric victims of sexual assault. *Pediatrics*, 128(2), 233-238.
- Hornor, G., Thackeray, J., Scribano, P., Curran, S., & Benzinger, E. (2012). Pediatric sexual assault nurse examiner care: Trace forensic evidence, ano-genital injury, and judicial outcomes. *Journal of Forensic Nursing*, 8(3), 105-111.
- Maiquilla, S. M., Salvador, J. M., Calacal, G. C., Sagum, M. S., Dalet, M. R., Delfin, F. C., Tabbada, K. A., Franco, S. A., Perdigon, H. B., Madrid, B. J., Tan, M. P., & De Ungria, M. C. (2011). Y-STR DNA analysis of 154 female child sexual assault cases in the Philippines. *International Journal of Legal Medicine*, 125(6), 817-824.
- Palusci, V. J., Cox, E. O., Shatz, E. M., & Schultze, J. M. (2006). Urgent medical assessment after child sexual abuse. *Child Abuse & Neglect*, 30(4), 367-380.
- Sibille, I., Duverneuil, C., Lorin de la Grandmaison, G., Guerrouache, K., Teissiere, F., Durigon, M., & de Mazancourt, P. (2002). Y-STR DNA amplification as biological evidence in sexually assaulted female victims with no cytological detection of spermatozoa. *Forensic Science International*, 125(2-3), 212-216.
- Soukos, N. S., Crowley, K., Bamberg, M. P., Gillies, R., Doukas, A. G., Evans, R., & Kollias, N. (2000). A rapid method to detect dried saliva stains swabbed from human skin using fluorescence spectroscopy. *Forensic Science International*, 114(3), 133-138.
- Thackeray, J. D., Hornor, G., Benzinger, E. A., & Scribano, P. V. (2011). Forensic evidence collection and DNA identification in acute child sexual assault. *Pediatrics*, 128(2), 227-232.
- Watkeys, J. M., Price, L. D., Upton, P. M., & Maddocks, A. (2008). The timing of medical examination following an allegation of sexual abuse: Is this an emergency? *Archives of Disease in Childhood*, 93(10), 851-856.
- Young, K. L., Jones, J. G., Worthington, T., Simpson, P., & Casey, P. H. (2006). Forensic laboratory evidence in sexually abused children and adolescents. *Archives in Pediatric & Adolescent Medicine*, 160(6), 585-588.

EMERGENCY CONTRACEPTION

- American Academy of Pediatrics Committee on Adolescence. (2005). Policy statement: Emergency contraception. *Pediatrics*, 116(4), 1026-1035.
- Dunn, S., Guilbert, E., & Society of Obstetricians & Gynecologists of Canada Social & Sexual Issues Committee. (2003). Emergency contraception. *Journal of Obstetrics & Gynaecology Canada*, 34(9), 870-878.
- Katzman, D. K., Taddeo, D., & Adolescent Health Committee, Canadian Pediatric Society. (2010). Policy statement: Emergency contraception. *Paediatric Child Health*, 15(6), 363-367.

SEXUALLY TRANSMITTED INFECTIONS

- Azikiwe, N., Wright, J., Cheng, T., & D'Angelo, L. J. (2005). Management of rape victims (regarding STD treatment and pregnancy prevention): Do academic emergency departments practice what they preach? *Journal of Adolescent Health, 36*(5), 446-448.
- Black, C. M., Driebe, E. M., Howard, L. A., Fajman, N. N., Sawyer, M. K., Giradet, R. G., Sautter, R. L., Greenwald, E., Beck-Sague, C. M., Unger, E. R., Igietseme, J. U., & Hammerschlag, M. R. (2009). Multi-center study of nucleic acid amplification tests for detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* in children being evaluated for sexual abuse. *Pediatric Infectious Disease Journal, 28*(7), 608-613.
- Brown, S. L., Peck, K. R., & Watts, D. D. (2000). Routine pharyngeal cultures may not be useful in pediatric victims of sexual assault. *Journal of Emergency Nursing, 26*(4), 306-311.
- Centers for Disease Control & Prevention. (2015). Sexually transmitted diseases treatment guidelines, 2015. *Morbidity & Mortality Weekly Report, 64*(3), 104-110.
- Chernesky, M. A., & Hewitt, C. (2005). The laboratory diagnosis of sexually transmitted infections in cases of sexual assault and abuse. *Canadian Journal of Infectious Diseases & Medical Microbiology, 16*(2), 63-64.
- Corneli, H. M. (2005). Nucleic acid amplification tests (polymerase chain reaction, ligase chain reaction) for the diagnosis of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* in pediatric emergency medicine [Review]. *Pediatric Emergency Care, 21*(4), 264-270.
- Fong, H., & Christian, C. W. (2012). Evaluating sexually transmitted infections in sexually abused children: New techniques to identify old infections. *Clinical Pediatric Emergency Medicine, 13*(3), 202-212.
- Forbes, K. M., Day, M., Vaze, U., Sampson, K., & Forster, G. (2008). Management of survivors of sexual assault within genitourinary medicine. *International Journal of STD & AIDS, 19*(7), 482-483.
- Frasier, L. (2002). Is the genital itching, irritation, and occasional bleeding in this 6-year-old girl the result of deliberate harm? *Consultant, 42*(6), 769-771.
- Gilles, C., Van Loo, C., & Rozenberg, S. (2010). Audit on the management of complainants of sexual assault at an emergency department. *European Journal of Obstetrics & Gynecology & Reproductive Biology, 151*(2), 185-189.
- Giradet, R. G., McClain, N., Lahoti, S., Cheung, K., Hartwell, B., & McNeese, M. (2001). Comparison of the urine-based ligase chain reaction test to culture for detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* in pediatric sexual abuse victims. *Pediatric Infectious Disease Journal, 20*(2), 144-147.
- Goodyear-Smith, F. (2007). What is the evidence for non-sexual transmission of gonorrhoea in children after the neonatal period? A systematic review [Review]. *Journal of Forensic & Legal Medicine, 14*(8), 489-502.
- Hammerschlag, M. R. (1998). Sexually transmitted diseases in sexually abused children: Medical and legal implications. *Sexually Transmitted Infections, 74*(3), 167-174.
- Hammerschlag, M. R. (1998). The transmissibility of sexually transmitted infections in sexually abused children. *Child Abuse & Neglect, 22*(6), 623-625.
- Hammerschlag, M. R. (2005). Nucleic acid amplification tests (polymerase chain reaction, ligase chain reaction) for the diagnosis of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* in pediatric emergency medicine [Comment]. *Pediatric Emergency Care, 21*(10), 705.
- Hammerschlag, M. R. (2011). Chlamydial and gonococcal infections in infants and children. *Clinical Infectious Diseases, 53*(Supplement 3), 99-102.
- Hammerschlag, M. R. (2011). Sexual assault and abuse of children. *Clinical Infectious Diseases, 53*(Supplement 3), 103-109.
- Hammerschlag, M. R., & Guillen, C. D. (2010). Medical and legal implications of testing for sexually transmitted infections in children. *Clinical Microbiology Reviews, 23*(3), 493-506.
- Ingram, D. L., Everett, V. D., Flick, L. A., Russell, T. A., & White-Sims, S. T. (1997). Vaginal gonococcal cultures in sexual abuse evaluations: Evaluation of selective criteria for preteenaged girls. *Pediatrics, 99*(6), E8.
- Ingram, D. M., Miller, W. C., Schoenbach, V. J., Everett, V. D., & Ingram, D. L. (2001). Risk assessment for gonococcal and chlamydial infections in young children undergoing evaluation for sexual abuse. *Pediatrics, 107*(5), E73.
- Jenny, C. (1992). Sexually transmitted diseases and child abuse. *Pediatric Annals, 21*(8), 497-503.

- Kellogg, N. D., Baillargeon, J., Lukefahr, J. L., Lawless, K., & Menard, S. W. (2004). Comparison of nucleic acid amplification tests and culture techniques in the detection of *Neisseria gonorrhoeae* and *Chlamydia trachomatis* and in victims of suspected child sexual abuse. *Journal of Pediatric & Adolescent Gynecology*, 17(5), 331-339.
- Kelly, P., & Koh, J. (2006). Sexually transmitted infections in alleged sexual abuse of children and adolescents. *Journal of Paediatrics & Child Health*, 42(7-8), 434-440.
- King, K. K., Sparling, P. F., Stamm, W. E., Piot, P., Wasserheit, J. N., Corey, L., Cohen, M. S., & Watts, D. H. (2008). *Sexually transmitted diseases* (4th ed.). New York, NY: McGraw-Hill Medical.
- Kohlberger, P., & Bancher-Todesca, D. (2007). Bacterial colonization in suspected sexually abused children. *Journal of Pediatric & Adolescent Gynecology*, 20(5), 289-292.
- Kresnicka, L. S., Rubin, D. M., Downes, K. J., Lavelle, J. M., Hodinka, R. L., McGowan, K. L., Grundmeier, R., & Christian, C. W. (2009). Practice variation in screening for sexually transmitted infections with nucleic acid amplification tests during prepubertal sexual abuse evaluations. *Journal of Pediatric & Adolescent Gynecology*, 22(5), 292-299.
- Lewin, L. C. (2007). Sexually transmitted infections in preadolescent children. *Journal of Pediatric Health Care*, 21(3), 153-161.
- Matthews-Greer, J., Sloop, G., Springer, A., McRae, K., LaHaye, E., & Jamison, R. (1999). Comparison of detection methods for *Chlamydia trachomatis* in specimens obtained from pediatric victims of suspected sexual abuse. *Pediatric Infectious Disease Journal*, 18(2), 165-167.
- Merchant, R. C., Kelly, E. T., Mayer, K. H., Becker, B. M., Duffy, S. J., & Pugatch, D. L. (2008). Compliance in Rhode Island emergency departments with American Academy of Pediatrics recommendations for adolescent sexual assaults. *Pediatrics*, 121(6), e1660-e1667.
- Muram, D., Speck, P. M., & Dockter, M. (1997). Child sexual abuse examination: Is there a need for routine screening for *N. gonorrhoeae*? *Journal of Pediatric & Adolescent Gynecology*, 9(2), 79-80.
- Obeyesekera, S., Jones, K., Forster, G. E., Welch, J., Brook, M. G., Daniels, D., & North Thames GUM/HIV Audit Group. Management of rape/sexual assault cases within genitourinary medicine clinics: Results from a study in North Thames. *International Journal of STD & AIDS*, 18(1), 61-62.
- Palusci, V. J., & Reeves, M. J. (2003). Testing for genital gonorrhoea infections in prepubertal girls with suspected sexual abuse. *Pediatric Infectious Disease Journal*, 22(7), 618-623.
- Robinson, A. J., Watkeys, J. E. M., & Ridgway, G. L. (1998). Sexually transmitted organisms in sexually abused children. *Archives of Disease in Childhood*, 79(4), 356-358.
- Rovi, S., & Shimoni, N. (2002). Prophylaxis provided to sexual assault victims seen at US emergency departments. *Journal of the American Medical Women's Association*, 57(4), 204-207.
- Shapiro, R. A., & Makoroff, K. L. (2006). Sexually transmitted diseases in sexually abused girls and adolescents. *Current Opinion in Obstetrics & Gynecology*, 18(5), 492-497.
- Sicoli, R. A., Losek, J. D., Hudlett, J. M., & Smith, D. (1995). Indications for *Neisseria gonorrhoeae* cultures in children with suspected sexual abuse. *Archives of Pediatrics & Adolescent Medicine*, 149(1), 86-89.
- Siegel, R. M., Schubert, C. J., Myers, P. A., & Shapiro, R. A. (1995). The prevalence of sexually transmitted diseases in children and adolescents evaluated for sexual abuse in Cincinnati: Rationale for limited STD testing in prepubertal girls. *Pediatrics*, 96(6), 1090-1094.
- Simmons, K. J., & Hicks, D. J. (2005). Child sexual abuse examination: Is there a need for routine screening for *N. gonorrhoeae* and *C. trachomatis*? *Journal of Pediatric & Adolescent Gynecology*, 18(5), 343-345.
- Thomas, A., Forster, G., Robinson, A., & Rogstad, K. (2002). National guideline for the management of suspected sexually transmitted infections in children and young people. *Sexually Transmitted Infections*, 78(5), 324-331.
- Workowski, K. A., & Levine, W. C. (2002). Selected topics from the centers for disease control and prevention sexually transmitted diseases treatment guidelines 2002. *HIV Clinical Trials*, 3(5), 421-433.

HIV POSTEXPOSURE PROPHYLAXIS

- Almeda, J., Casabona, J., Simon, B., Gerard, M., Rey, D., Puro, V., & Thomas, T. (2004). Proposed recommendations for the management of HIV post-exposure prophylaxis after sexual, injecting drug or other exposures in Europe. *Euro Surveillance*, 9(6), 35-40.
- Babl, F., Cooper, E., Damon, B., Louie, T., Kharasch, S., & Harris, J. (2000). HIV postexposure prophylaxis for children and adolescents. *American Journal of Emergency Medicine*, 18(3), 282-287.
- Babl, F., Cooper, E., Kastner, B., & Kharasch, S. (2001). Prophylaxis against possible human immunodeficiency virus exposure after nonoccupational needlestick injuries or sexual assaults in children and adolescents. *Archives of Pediatrics & Adolescent Medicine*, 155(6), 680-682.
- Bryant, J., Baxter, L., & Hird, S. (2009). Non-occupational exposure prophylaxis for HIV: A systematic review. *Health Technology Assessment*, 13(14), 1-60.
- Centers for Disease Control & Prevention. (2005). Antiretroviral postexposure prophylaxis after sexual, injection-drug use, or other nonoccupational exposure to HIV in the United States. *Morbidity & Mortality Weekly Report*, 54(RR02), 1-20.
- Chesshyre, E. L., & Molyneux, E. M. (2009). Presentation of child sexual abuse cases to Queen Elizabeth Central Hospital following the establishment of an HIV post-exposure prophylaxis programme. *Malawi Medical Journal*, 21(2), 54-58.
- Du Mont, J., Myhr, T. L., Husson, H., Macdonald, S., Rachlis, A., & Loutfy, M. (2008). HIV postexposure prophylaxis use among Ontario female sexual assault victims: A prospective cohort analysis. *Sexually Transmitted Diseases*, 35(12), 973-978.
- Ellis, J. C., Ahmad, S., & Molyneux, E. M. (2005). Introduction of HIV post-exposure prophylaxis for sexually abused children in Malawi. *Archives of Disease in Childhood*, 90(12), 1297-1299.
- Fajman, N., & Wright, R. (2006). Use of antiretroviral HIV post-exposure prophylaxis in sexually abused children and adolescents treated in an inner-city pediatric emergency department. *Child Abuse & Neglect*, 30(8), 919-927.
- Fisher, M., Benn, P., Evans, B., Pozniak, A., Jones, M., Maclean, S., Davidson, O., Summerside, J., & Hawkins, D. (2006). UK guidelines for the use of post-exposure prophylaxis for HIV following sexual exposure. *International Journal of STD & AIDS*, 17(2), 81-92.
- Fong, C. (2001). Post-exposure prophylaxis for HIV infection after sexual assault: When is it indicated? *Emergency Medicine Journal*, 18(4), 242-245.
- Garcia, M. T., Figueiredo, R. M., Moretti, M. L., Resende, M. R., Bedoni, A. J., & Papaiordanou, P. M. (2005). Postexposure prophylaxis after sexual assaults: A prospective cohort study. *Sexually Transmitted Diseases*, 32(4), 214-219.
- Girardet, R., Lemme, S., Biason, T., Bolton, K., & Lahoti, S. (2009). HIV post-exposure prophylaxis in children and adolescents presenting for reported sexual assault. *Child Abuse & Neglect*, 33(3), 173-178.
- Grohskopf, L., & Paxton, L. (2007). Postexposure prophylaxis for HIV in children and adolescents after sexual assault: A prospective observational study in an urban medical center. *Sexually Transmitted Diseases*, 34(2), 69-70.
- Havens, P., & Committee on Pediatric AIDS. (2003). Post-exposure prophylaxis in children and adolescents for nonoccupational exposure to human immunodeficiency virus. *Pediatrics*, 111(6), 1475-1489.
- Kahn, J. O., Martin, J. N., Roland, M. E., Bamberger, J. D., Chesney, M., Chambers, D., Franses, K., Coates, T. J., & Katz, M. H. (2001). Feasibility of postexposure prophylaxis (PEP) after sexual or injection drug use exposure: The San Francisco PEP Study. *Journal of Infectious Diseases*, 183(5), 707-714.
- Loutfy, M. R., MacDonald, S., Myhr, T., Husson, H., DuMont, J., Balla, S., Antoniou, T., & Rachlis, A. (2008). Prospective cohort study of HIV post-exposure prophylaxis for sexual assault survivors. *Antiviral Therapy*, 13(1), 87-95.
- Martin, N. V., Almeda, J., & Casabona, J. (2005). Effectiveness and safety of HIV post-exposure prophylaxis after sexual, injecting-drug-use or other non-occupational exposure [Protocol]. *Cochrane Database of Systematic Reviews*, 2.
- Merchant, R. C., & Keshavarz, R. (2001). Human immunodeficiency virus postexposure prophylaxis for adolescents and children. *Pediatrics*, 108(2), e38.
- Merchant, R., Keshavarz, R., & Low, C. (2004). HIV post-exposure prophylaxis provided at an urban paediatric emergency department to female adolescents after sexual assault. *Emergency Medicine Journal*, 21(4), 449-451.

- Neu, N., Heffernan-Vacca, S., Millery, M., Stimell, M., & Brown, J. (2006). Postexposure prophylaxis for HIV in children and adolescents after sexual assault: A prospective observational study in an urban medical center. *Sexually Transmitted Diseases, 34*(2), 65-68.
- Olshen, E., Hsu, K., Woods, E. R., Harper, M., Harnisch, B., & Samples, C. L. (2006). Use of human immunodeficiency virus postexposure prophylaxis in adolescent sexual assault victims. *Archives of Pediatrics & Adolescent Medicine, 160*(7), 674-680.
- Olshen, E., & Samples, C. L. (2003). Postexposure prophylaxis: An intervention to prevent human immunodeficiency virus infection in adolescents. *Current Opinion in Pediatrics, 15*(4), 379-384.
- Rey, D. (2011). Post-exposure prophylaxis for HIV infection. *Expert Review of Anti-infective Therapy, 9*(4), 431-442.
- Schremmer, R. D., Swanson, D., & Kraly, K. (2005). Human immunodeficiency virus postexposure prophylaxis in children and adolescent victims of sexual assault. *Pediatric Emergency Care, 21*(8), 502-506.
- Weibe, R., Comay, E., McGregor, M., & Ducceschi, S. (2000). Offering HIV prophylaxis to people who have been sexually assaulted: 16 months' experience in a sexual assault service. *Canadian Medical Association Journal, 162*(5), 641-645.
- Weinberg, G. (2002). Postexposure prophylaxis against human immunodeficiency virus infection after sexual assault. *Pediatric Infectious Disease Journal, 21*(10), 959-960.
- Wieczorek, K. (2010). A forensic nursing protocol for initiating human immunodeficiency virus post-exposure prophylaxis following sexual assault. *Journal of Forensic Nursing, 6*(1), 29-39.
- Young, T., Arens, F. J., Kennedy, G. E., Laurie, J. W., & Rutherford, G. W. (2007). Antiretroviral post-exposure prophylaxis (PEP) for occupational HIV exposure [Review]. *Cochrane Database of Systematic Reviews, 1*.

CRISIS INTERVENTION MENTAL HEALTH

- Alaggia, R. (2002). Balancing acts: Reconceptualizing support in maternal response to intra-familial child sexual abuse. *Clinical Social Work Journal, 30*(1), 41-56.
- Bal, S., De Bourdeaudhuij, I., Crombez, G., & Van Oost, P. (2005). Predictors of trauma symptomatology in sexually abused adolescents: A 6-month follow-up study. *Journal of Interpersonal Violence, 20*(11), 1390-1405.
- Bolen, R. M. (2002). Guardian support of sexually abused children: A definition in search of construct. *Trauma, Violence, & Abuse, 3*(1), 40-67.
- Brill, C., Fiorentino, N., & Grant, J. (2001). Covictimization and inner city youth: A review. *International Journal of Emergency Mental Health, 3*(4), 229-239.
- Campbell, L., Keegan, A., Cybulska, B., & Forster, G. (2007). Prevalence of mental health problems and deliberate self-harm in complainants of sexual violence. *Journal of Forensic & Legal Medicine, 14*(2), 75-78.
- Cohen, J. A., & Mannarino, A. P. (1996). A follow-up study of factors that mediate the development of psychological symptomatology in sexually abused girls. *Child Maltreatment, 1*(3), 246-260.
- Elliott, A. N., & Carnes, C. N. (2001). Reactions of nonoffending parents to the sexual abuse of their child: A review of the literature. *Child Maltreatment, 6*(4), 314-331.
- Gavril, A. R., Kellogg, N. D., & Nair, P. (2012). Value of follow-up examinations of children and adolescents evaluated for sexual abuse and assault. *Pediatrics, 129*(2), 282-289.
- Goodman-Brown, T., Edelstein, R., Goodman, G., Jones, D., & Gordon, D. (2003). Why children tell: A model of children's disclosure of sexual abuse. *Child Abuse & Neglect, 27*(5), 525-540.
- Habigzang, L. F., Stroehrer, F. H., Hatzenberger, R., Cunha, R. C., Ramos, M. S., & Koller, S. H. (2009). Cognitive behavioral group therapy for sexually abused girls. *Revista de Saude Publica, 43*(Supplement 1), 70-78.
- International Society for the Study of Dissociation. (2004). Guidelines for the evaluation and treatment of dissociative symptoms in children and adolescents. *Journal of Trauma & Dissociation, 5*(3), 119-150.
- Kawsar, M., Anfield, A., Walters, E., McCabe, S., & Forster, G. E. (2004). Prevalence of sexually transmitted infections and mental health needs of female child and adolescent survivors of rape and sexual assault attending a specialist clinic. *Sexually Transmitted Infections Journal, 80*(2), 138-141.
- Kendell-Tackett, K. A., Meyer-Williams, L., & Finkelhor, D. (1993). Impact of sexual abuse on children: A review and synthesis of recent empirical studies. *Psychological Bulletin, 113*(1), 164-180.

- Kolko, D. J., Hurlburt, M. S., Zhang, J., Barth, R. P., Leslie, L. K., & Burns, B. J. (2010). Posttraumatic stress symptoms in children and adolescents referred for child welfare investigation: A national sample of in-home and out-of-home care. *Child Maltreatment, 15*(1), 48-63.
- Leventhal, J. M., Murphy, J. L., & Asnes, A. G. (2010). Evaluations of childhood sexual abuse: Recognition of overt and latent family concerns. *Child Abuse & Neglect, 34*(5), 289-295.
- Malloy, L., Lyon, T., & Quas, J. (2007). Filial dependency and recantation of child sexual abuse allegations. *Journal of the American Academy of Child & Adolescent Psychiatry, 46*(2), 162-170.
- Marks, S., Lamb, R., & Tzioumi, D. (2009). Do no more harm: The psychological stress of the medical examination for alleged child sexual abuse. *Journal of Paediatrics & Child Health, 45*(3), 125-132.
- Massat, C. R., & Lundy, M. (1999). Service and support needs of non-offending parents in cases of intrafamilial sexual abuse. *Journal of Child Sexual Abuse, 8*(2), 41-56.
- McGregor, K., Julich, S., Glover, M., & Gautam, J. (2010). Health professionals' response to disclosure of child sexual abuse history: Female child sexual abuse survivors' experience. *Journal of Child Sexual Abuse, 19*(3), 239-254.
- Olshen, E., McVeigh, K. H., Wunsch-Hitzig, R. A., & Rickert, V. I. (2007). Dating violence, sexual assault, and suicide attempts among urban teenagers. *Archives of Pediatrics & Adolescent Medicine, 161*(6), 539-545.
- Werner, J., & Werner, M. C. M. (2008). Child sexual abuse in clinical and forensic psychiatry: A review of recent literature. *Current Opinion in Psychiatry, 21*(5), 499-504.

NOTES



INTERNATIONAL ASSOCIATION OF
Forensic Nurses

Leadership. Care. Expertise.

p 410 626 7805 e info@ForensicNurses.org

ForensicNurses.org