

Pediatric Grand Rounds

NURS 421 - Clinical Management of Children of the Family

Purpose of Assignment

The purpose of this assignment is to provide the student with an opportunity to integrate knowledge from the sciences, developmental theory, and physical assessment data to the care of a pediatric patient and family in the acute care setting. The student will utilize critical thinking and independent judgments in presenting a holistic plan of care in a formal oral presentation.

Student Approach to Assignment

My Pediatric Grand Rounds presentation provided an opportunity to present a review of holistic nursing care provided to a 13 year-old male patient who was suffering from a rare condition called Arthrogryposis which caused him to be born with clubfoot. This presentation allowed me to showcase the nursing care provided with age and developmentally appropriate considerations. A complete health history along with a review of systems was provided. A discussion of nursing diagnoses, expected outcomes, and interventions provided is also included. Applicable nursing research is integrated with this presentation. To sum up the presentation I discussed the teaching that was provided to the patient and family throughout my clinical shift.

Reason for Inclusion of this Assignment in the Portfolio

This presentation is included in my nursing portfolio because it demonstrates my ability to adapt to the needs of pediatric patients. I also included this assignment in my portfolio because the patient that I cared for challenged me while in clinical, and enabled me to gain more knowledge and insight about the disease process called Arthrogryposis Multiplex Congenita. The following end-of-program outcomes are identified below.

- **Critical Thinking**

- Engages in creative problem solving

- **Example:** In this presentation I discussed how attached the patient was to his parents. The patient had family members coming in to see him throughout the day, but when all of the family had to leave the patient would start to cry because he did not want to be in the hospital without his family. One way that I was able to calm the patient down was by calling the mom and suggesting that she facetime the patient from his tablet. Having the ability to see his mom's face, and listen to her sing to him via facetime calmed him down and put him to sleep. This allowed him to get some rest prior to surgery.

- **Nursing Practice**

- Performs therapeutic interventions that incorporate principles of quality management and proper safety techniques

- **Example:** In this presentation I included all of the necessary interventions that I provided to the 13 year-old male throughout my clinical shift. While

assessing the patient I noticed that he was producing a lot of sputum, therefore I would come into his room for the Q2h turns and suction him prior to turning him. The patient was also in a lot of pain, so I administered his prescribed analgesics tylenol, oxycodone, and valium while maintaining proper safety techniques such as making sure to confirm the six rights of medication administration.

- Implements traditional nursing care practices as appropriate to provide holistic health care to diverse populations across the lifespan

- **Example:** In this presentation I discussed how I implemented traditional nursing care practices such as assessment, medication administration, Q2h turning, and suctioning. I also discussed complementary and collaborative interventions that were provided. Complementary practices that I used include distraction with facetime and television, and collaborative practices that were used include working with physical therapists and the child life team. All of these interventions allowed me to provide holistic care to my pediatric patient.

- **Communication**

- Adapts communication methods to patients with special needs

- **Example:** In this presentation I included that my 13 year-old patient was mute, and could not communicate as expected for his age. My patient was only able to make grunting noises, but I knew that he could understand me because he would shake his head yes or no. In order to adapt to the communication needs of the patient I made sure to ask simple yes or no questions. I was also able to get help with understanding the patients needs by having family members help translate.

- **Teaching**

- Provides teaching to patients and/or professionals about health care procedures and technologies in preparation for and following nursing or medical interventions

- **Example:** In this presentation I discussed the necessary teaching for nursing interventions that I provided. For example, I educated the patient's family about how to use the bedside suction. I informed them that the suction would help clear the patient's secretions and help him breathe better. I also educated the patient and the patient's family on how to use an incentive spirometer. I educated the patient and the family about the importance of deep breathing especially after surgery as this will help to ensure that the patient's airway stays patent.

- Uses information technologies and other appropriate methods to enhance one's own knowledge base

- **Example:** In this presentation I showcased my use of information technologies which include the patient's online chart, youtube videos, and online nursing research articles. The patient's chart allowed me to gain knowledge about the patient's extensive health history. For example, I was able to learn that my patient suffered from facial deformities, difficult intubation, craniosynostosis, and strabismus at birth. The youtube video allowed me to better understand the disease process of Arthrogyposis

Multiplex Congenita. The nursing research provided me with knowledge about the educational needs for parents of children with clubfoot.

- **Research**

- Applies research-based knowledge from the arts, humanities, and sciences to complement nursing practice

- **Example:** During this presentation I gathered information from research about complementary and alternative therapies for pain that I used on my adult patients. In order to help decrease the pain of my pediatric patient, I used distraction along with the traditional method of administering medication. The distraction methods that I used included facetime calls with the patient's mom, television, and requesting that child life come in and entertain my patient.

- Shares research findings with colleagues

- **Example:** I presented this assignment to my nursing peers during the final week of pediatric clinicals. During my twenty minute oral presentation I interacted with my faculty and peers, and shared information that I researched about my patient's Arthrogryposis Multiplex Congenita and his clubfoot. I also shared with them a youtube video that showcased a young girl's journey of learning how to walk after having surgery to correct her clubfeet. During this presentation I also shared research findings about the teaching needs of parents with children suffering from clubfoot. For example, some teaching needs included understanding the process of treatment and problems concerning the bracing portion of treatment.