Janie June Pediatric Assessment/Intervention Activity

Student Copy

Assessment Lab Instructions

- Assess the simulated situation independently. You may touch the manikin but NO talking.
- We will discuss your findings and any questions you may have in a group setting.
- Complete the following assessment paperwork:

Scenario:

Janie June is a 9 month old female with Hirschsprung's Disease (congenital aganglionic megacolon). She underwent a temporary colostomy procedure at the age of 5 days and is scheduled to undergo a pull-through procedure tomorrow.

Janie is awake and alert. She is on room air. She has an IV of D5 ¼ NS at 25 mL/hr infusing in her left hand. Her ostomy is located on the left abdomen. Her mother provides colostomy care as needed. Janie is breastfed and eats baby food and soft table foods. Her breath sounds are clear and equal bilaterally. She has active bowel sounds X 4 quadrants. Pulse 2+ for all 4 extremities. Skin warm, dry.

- It is assumed that Janie is in a crib with the side rails up.

- Janie weighs 18 lbs. and is 70 cm in length

    - Calculate her weight in kilograms _____ kg

- Document Janie's current weight and length on the growth chart provided.

- Perform the following physical assessment measurements:
  - Frontal occipital circumference (FOC) _____ cm
  - Chest circumference _____ cm
  - Abdominal circumference _____ cm
- Calculate maintenance fluid requirements for this patient _____ mL/hr
- What amount will you set the "volume to be infused" on the IV pump? _____mL
- Calculate minimum acceptable urine output for this patient _____ mL/hr
- How much urine is in the wet diaper provided _____ mL
- Janie has an order for Gentamicin 20mg every 8 hrs. The pharmacist has mixed the dose that is due now in 25mL Sodium Chloride 0.9%.
  - What is the therapeutic range for this medication?
  - Is the dose ordered within therapeutic range?
  - What is the concentration?

- During your assessment, you observe Janie's temperature to be 101°. The physician has ordered Tylenol 100mg PO every 6 hours as needed for temperature >100.4°.

- What is the therapeutic range for Tylenol?

- Is the dose ordered within therapeutic range?

- Using the Tylenol below, calculate the amount will you draw up _____ mL