1. What items MUST be included in the “go bag” for the ventilator-dependent child with a tracheostomy? a. spare tracheostomy tube kit with trach ties already cut and assembled, water soluble lubricant, gloves, and hand ventilator with mask and scissors b. gloves, extra tubing, fenestrated sponges, extra tracheostomy tube and nebulizer c. Vaseline, stethoscope, spare trachs, hand ventilator and oxygen d. tape, sterile cotton swabs, pipe cleaners and oxygen

2. Which mode of ventilation would benefit the child who can breathe on his or her own but is unable to take deep enough breaths for effective ventilation? a. assist control b. synchronized intermittent mandatory ventilation c. continuous positive airway pressure d. pressure support

3. Several anatomical differences in the pulmonary system influence the breathing pattern of the pediatric patient except: a. shorter more narrow trachea b. a lower metabolic rate compared to that of the adult c. fewer alveoli compared to that of the adult d. greater compliance and less thoracic recoil of the chest wall

4. Tracheostomies routinely performed today are for the following causes EXCEPT: a. airway infection b. congenital syndrome with multisystem complications c. neurological defects d. premature infants

5. Which of the following best practices about tracheal suctioning is NOT accurate? a. suctioning should be done as the catheter is being withdrawn b. using normal saline lavage on a routine basis is discouraged due to the risk of microaspiration c. deep suctioning has been found to cause bleeding, scarring and infection d. hyper-oxygenation is contraindicated in ventilator patients before and after suctioning

6. The Davis family, discussed in the story, said their biggest concern about their ventilator-dependent child was: a. the equipment was the best available b. having the right team in their home c. that care for Kasey was paid for d. if Kasey was in pain at any time

7. The expected positive clinical outcomes for ventilator-dependent children are: a. fewer hospitalizations and fewer adverse effects b. the child will no longer be ventilator dependent and have minimal respiratory problems c. the child can resume full ADLs and have no growth delays d. the family will no longer need nursing services in the home

8. Which of the following is a restrictive airway condition in children that may require mechanical ventilation? a. central apnea b. traumatic brain injury c. bronchopulmonary dysplasia d. muscular dystrophy

9. Which of the following safety precautions is regarded as a “time out” in the care of the child with a tracheostomy in a home care setting? a. check all equipment once a shift b. the tracheostomy is changed monthly c. two caregivers check for the right size, order and type of tracheostomy tube prior to doing a routine trach change d. the pressure in the tracheostomy cuff is checked every 4 hours

10. As a home care nurse, the best possible way to prepare for the worst case scenario related to the care of a ventilator-dependent child is all of the following EXCEPT: a. practice a real-life situation in the home b. practice a real-life situation in the lab c. routinely checking all emergency equipment d. requesting a respiratory therapy consult monthly

**Evaluation**

1. I can discuss the etiology and common pediatric diagnoses requiring a tracheotomy and ventilator assistance for airway support. a. strongly agree b. agree c. neutral d. disagree e. strongly disagree

2. I can discuss maintenance of the tracheostomy site and care for the ventilated pediatric patient. a. strongly agree b. agree c. neutral d. disagree e. strongly disagree

3. I can describe the common conditions for mechanical long-term ventilation and modes of ventilation. a. strongly agree b. agree c. neutral d. disagree e. strongly disagree

4. I can discuss the importance of quality care and a good team of home health professionals in the client’s home. a. strongly agree b. agree c. neutral d. disagree e. strongly disagree

5. The objectives relate to the overall goal of the article. a. strongly agree b. agree c. neutral d. disagree e. strongly disagree

6. The article is well-written and logically organized, and defines terms adequately. a. strongly agree b. agree c. neutral d. disagree e. strongly disagree

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**RN01**