

# BREAKOUT SESSION

### **Morning Breakout Sessions**

#### **Tracheostomy Tubes**

#### Examine each tracheostomy tube and answer the following questions:

- 1. Where is the size of the tracheostomy tube located on each tube?
- 2. What is the purpose of the cuff on the tracheostomy tube?
- 3. What does the abbreviation "TTS" mean?
- **4.** How is the cuff filled in a TTS?
- **5.** Which tracheostomy tube is fenestrated?
- **6.** What is a potential complication of a fenestrated tracheostomy tube?
- 7. What are two of the differences with the new Shiley® Flex tracheostomy tube as compared to the legacy Shiley?

#### **Cuff Management**

#### Perform the following activities with the tracheostomy tubes and T.O.M. models:

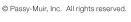
- 1. Use the syringe to inflate the cuff on the tracheostomy tube in the T.O.M. model and answer the following cuff management questions:
  - a. What are two methods that can be used to ensure proper cuff inflation?
  - b. Is palpating the pilot balloon the best way to assure proper cuff inflation? Why or why not?
- **2.** Use the syringe to overinflate the cuff until there is increased pressure on the posterior tracheal wall and answer the following cuff management question:
  - a. What are two potential complications of overinflating the cuff?
- 3. Use the syringe to deflate the cuff slowly and fully.
- **4.** Use the cuff manometer to inflate the cuff on the tracheostomy tube. Make adjustments until the pressure reads 20 cm H<sub>2</sub>O.
- 5. Use the syringe to slowly deflate the cuff on the tracheostomy tube and answer the following questions:
  - **a.** What impact would an increased space between the tracheostomy tube and the tracheal wall have on airflow through the upper airway?

#### Passy Muir® Valves and Accessories

#### Perform the following activities with the Passy Muir Valves, accessories, and T.O.M. model:

- **1.** What steps must be taken before placing a Passy Muir Valve?
- 2. Place the purple Passy Muir Valve (PMV® 2001) gently and correctly onto the tracheostomy tube hub.
  - a. Did you twist clockwise?
- 3. Place (snap) the Passy Muir oxygen adapter on the purple Passy Muir Valve (PMV® 2001).
  - **a.** Where would oxygen be delivered?
  - **b.** How much flow can be provided with the O2 adapter?
- **4.** Remove the O<sub>2</sub> oxygen adapter.
- 5. Gently and correctly remove the Passy Muir Valve.
  - a. Did you twist clockwise?

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# BREAKOUT SESSION



## Morning Breakout Sessions (continued)

Use the chart to assist with identifying the Passy Muir® Valves and accessories in the cases while answering the following questions:

- 6. Can all Passy Muir Valves be used on a patient with a tracheostomy who is mechanically ventilated?
- 7. Which Passy Muir Valve is designed to be used with the Jackson Improved tracheostomy tube?
- **8.** Which Valves can be used with the PMV<sup>®</sup> Secure-It<sup>®</sup>?
- 9. When would an airway protection filter be used?





PMV® 2020 (clear)



PMV® Secure-It®



2 PMV® 2000 (clear)



PMA® 2000 (oxygen adapter)



**10** DB15™ (adapter)



3 PMV® 005 (white)



PMV-AD1522™



**11** DigiSil™ (Digital Occlusion adapter)



PMV® 2001 (Purple Color™)



PMV-AD22™



**12** PM-APF15™ (Airway Protection filter)



**10.** Label the components of a tracheostomy tube on the image below:



