

2025 Adult and Pediatric 1.5 Day Seminar

Title:

Clinical Insights for Assessing and Using No-Leak Speaking Valves with Trachs and Vents: Key Takeaways for Pediatric and Adult Patients

Learning Through Lecture, Case Studies, Mock Assessments, Hands-On Training, and Demonstrations

Description:

This seminar provides clinical insights for assessing and using no-leak speaking valves with tracheostomies and ventilators for pediatric and adult patients. Attendees will learn through lecture, interactive polls, game-based learning, mock patient assessments, case studies, hands-on training, and demonstrations. The physiological impact of a tracheostomy on respiration, feeding and swallowing, pressure, and speech is reviewed, and attendees will learn the importance of early intervention and the potential impact on developmental milestones. Step-by-step assessment techniques for utilizing a no-leak speaking valve both with and without mechanical ventilation will be discussed and advanced techniques for successful placement and treatment will be reviewed through case studies. Considerations for improving communication, subglottic pressure, feeding and swallowing, and secretion management are addressed.

Timed Agenda: DAY ONE:

DAY ONE (7.0 CE hours)		
Time	Topic	Learning Outcomes
0900 – 0915 15 min	Introduction: Speakers and Topic	
0915 – 1000 45 min	Impacts on Pressure and TTP Measurements	<ol style="list-style-type: none"> 1. List 3 changes in pressure that occur following a tracheostomy tube 2. Describe how TTP indicates airway patency
1000 – 1045 45 min	Assessment and Placement with Video Demonstration	<ol style="list-style-type: none"> 1. Discuss the steps to airway patency assessment and Valve placement. 2. Describe 4 steps to Valve placement.
1045 – 1100	BREAK	
1100 - 1230 90 min	Hands-on Training and Mock Assessments	<ol style="list-style-type: none"> 1. Demonstrate the steps to cuff inflation and deflation. 2. List steps to assessment with a pediatric patient and an adult patient
1230 – 1330 60 min	Lunch and Learn: Case Studies	<ol style="list-style-type: none"> 1. Answer 3 questions related to assessment differences between adults and pediatrics
1330 – 1345 15 min	BREAK	
1345 – 1445 60 min	Treatment Considerations: Voicing, Swallowing, Mobility, and Impacts on Development	<ol style="list-style-type: none"> 1. List 3 areas of development that may be impacted by a tracheostomy. 2. List 2 treatment strategies each for adult and pediatric patients
1445 – 1545 60 min	Pediatric and Adult Considerations for Ventilator Management	<ol style="list-style-type: none"> 1. Describe 3 differences in ventilator management for pediatrics compared to adults. 2. List 3 steps to a patient selection.
1545 - 1645 60 min	Q&A With Case Study Review and Troubleshooting	<ol style="list-style-type: none"> 1. Describe 3 steps to patient selection and assessment. 2. Explain two troubleshooting techniques.
1645	Dismissal	

DAY TWO (4 CE hours)		
0900 – 1030 90 min	Ventilator Application of the Valve	1. List 3 ventilator management considerations for Valve use. 2. Describe proper alarm management.
1030 - 1100 30 min	Demonstration of Placement	1. List the sequence for placing a Valve inline.
1100 – 1115	BREAK	
1115 - 1200 45 min	Hands-on Training: Parts and Pieces With Ventilator Use	1. Demonstrate 3 steps to ventilator placement 2. Describe considerations for troubleshooting
1200 – 1315 75 min	Case studies and Q&A With Troubleshooting CE Information and dismissal	1. Describe 3 considerations for assessment with the pediatric and adult population. 2. List 2 factors impacting weaning and decannulation.

Speakers:

Kristin King, PhD, CCC-SLP

Gabriela Ortiz, BSRT, RCP