

Clinical Competency Form for DME



This document is a Clinical Competency Statement: The participant must perform setup and operating proficiency without assistance and/or direct supervision regarding the Vibralung, Airway Clearance Device. This document is a self-assessment for registered practitioners.

Trainee Name / Title:			
DME Company:			
Date of Training:			
	Verification of Vibralung® Treatment Control Unit (TCU)	Met	Not Met
1	Plug charger into TCU - All Lights blink 3 times and charging, and power lights stay illuminated		
2	Unplug charger - All lights should extinguish, leave device unplugged		
3	Press Power Button – All Lights blink 3 times, Power and Play/Pause lights stay illuminated		
4	Connect hand help transducer (HHT), select mode (start with L) push Play/Pause – Run for 30 seconds to listen for frequency changes		
5	Press mode button again to “hold treatment” – Power light will remain blinking and mode will remain lit		
6	Press mode button to resume frequency scale – Power light and mode light will remain lit		
7	Press Play/Pause button - Pause light will illuminate and frequency tones will cease		
8	Press Play/Pause button again - Frequency tones will start up again and Play/Pause light will shut off		
9	Push Power Button to shut off device		
10	Repeat steps 1-7 for both M and H modes - Should expect same results as above		
11	Run R2 ; Will hear “random white noise”		
12	Run R5 ; Will hear “random white noise”		

	Vibralung® Competency: Instruction for Use	Met	Not Met
13	Establish the need for Vibralung®		
14	Gather correct equipment: <ul style="list-style-type: none"> • Treatment Control Unit (TCU) • Vibralung® Patient Kit (9600) <ul style="list-style-type: none"> ○ includes Hand-held transducer (HHT), Y-adapters, ear plugs, mouthpiece, and PEP resistor • Circulaire II nebulizer (if delivering medication) 		

15	Identify all the parts in the Patient Kit (or change kit) <ul style="list-style-type: none"> • TCU, HHT, PEP wye (show expiratory resistor), nebulizer wye 		
16	Explain all of the modes (and the frequencies that are associated with the modes) <ul style="list-style-type: none"> • Low (L) 5 to 350 Hz • Medium (M) 5 to 660 Hz • High (H) 5 to 1200 Hz • R2 – 2 minutes of 5 to 1200 Hz (simultaneous) • R5 – 5 minutes of 5 to 1200 Hz (simultaneous) 		
17	Explain proper charging of TCU <ul style="list-style-type: none"> • DO NOT CHARGE UNTIL THE LOW BATTERY LIGHT IS SHOWING. • Approximately 40 minutes of treatment time left once light is lit • Unplug once controller is fully charged, full charge takes about 4 hours 		
18	Demonstrate how to plug in HHT to TCU		
19	Demonstrate how to setup Circulaire II to HHT using adapter		
20	Explain frequency change plan (see table below). *Follow hospital policy on disposable changes (change according to nebulizer schedule)		
21	Demonstrate proper use of Mouthpiece/Mask/Trach adapter setup.		

Cleaning Instructions

<ul style="list-style-type: none"> • At the end of each day, disassemble the patient change kit, nebulizer and all applicable disposable pieces (mask, trach adapter, etc.) and either: <ul style="list-style-type: none"> ○ Rinse all parts in warm, mild soapy water <u>OR</u> ○ Soak all disposable pieces in either: <ul style="list-style-type: none"> ▪ 70% isopropyl alcohol for 5 minutes ▪ 3% hydrogen peroxide for 30 minutes • Rinse all pieces in clean water (distilled water preferred) and allow to air dry on paper towel • Wipe down controller, cable, and hand-held transducer with germicidal wipes at end of day <p>*Do not immerse controller in any liquid as it may cause damage.</p>		
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Vibralung Parts and Accessories Suggested Equipment Change Frequencies

Description	Frequency (Or change sooner as needed)	CF Frequency (Or change sooner as needed)
HHT	6 months	6 months
Change Kit	2 weeks	Weekly (or more frequent)
Circulaire Hybrid Nebulizer	6 months	Weekly (or more frequent)
Mask and trach adapters	2 weeks	Weekly (or more frequent)

I confirm that I have evaluated the above-named person and can state that he/she demonstrates competency in using the named medical device.

Trainer Signature:	
Trainee Signature:	

Status: Pass Needs More Training