

Chest Tube Skills Demonstration Checklist

***Preceptor please initial and date the appropriate column and sign your name at the bottom of the page.**

Employee Name: _____ **Date:** _____

Theory:	Observed/ Verbalized	Performed
1. Demonstrates appropriate behaviors related to the initial set up and connection of a chest tube:		
a. Verbalizes the difference between the Ocean and Oasis Chest drainage systems.		
b. Verbalizes procedure for obtaining supplies/equipment for chest tube insertion.		
c. Locates Emergency Chest Tube Kit on unit.		
d. Demonstrates proper Atrium Set Up		
i. Opens package and maintains sterility of unit connections.		
ii. Ocean: ensures the suction control stopcock is on for initial system setup and should not be turned off during patient use.		
iii. Using the attached funnel, fills the water seal to the 2 cm line with sterile water.		
iv. Ocean: Fills the suction control chamber to the desired suction pressure level (usually -20 cm H2O) with sterile water by removing the tethered vent plug and replacing once filled.		
v. Oasis: Turns dial to desired suction pressure level		
e. Assists physician with insertion of the chest tube.		
f. Connects tubing appropriately ensuring the patient is connected to Atrium set up prior to connecting the external suction source.		
g. Prepares suction unit and demonstrates appropriate setting for low wall suction (80 mmHg).		
h. Connects chest tube to low wall suction		
i. Ocean: Confirms the presence of gentle bubbling in the suction control chamber and uses the stopcock to regulate vacuum.		
ii. Oasis: confirms the presence of expanded suction monitor bellows in the display window.		
2. Demonstrates appropriate chest tube management		
a. Verbalizes purpose of chest tube		
b. Differentiates between water seal and low wall suction		
c. Secures unit to prevent knocking over chest tube		
d. States correct position of tubing to promote adequate drainage		
e. Connects chest tube to -20 cm low wall suction or as ordered		
f. Assesses for presence of bubbling in suction control chamber and understands rationale (Ocean only)		
g. Assesses for absence of bubbling in water seal and understands rationale		
h. Demonstrates vacuum regulation using the suction control stopcock		
i. Demonstrates the ability to check for the appropriate water levels in the suction control and water seal chambers.		
i. Demonstrates proper procedure for adding sterile water to each chamber to maintain proper set up.		
ii. Demonstrates proper procedure for removing water from each chamber using a sterile needle in the appropriate port to maintain proper set up.		

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Theory:	Observed/ Verbalized	Performed
j. Demonstrates how to calculate and record output from Chest tube and frequency (q4h)		
k. Demonstrates how to disconnect from suction (ensuring that the stopcock remains open when patient is converted to waterseal).		
l. Demonstrates how to obtain a sample from the chest tube drainage system		
m. Demonstrates care of chest tube site while chest tube is in place(cleanse daily with soap and water)		
n. Demonstrates chest tube dressing change (qday and prn)		
o. Assists provider with chest tube removal		
i. Ensures chest x-ray is done after chest tubes are removed		
ii. Demonstrates care of chest tube site once chest tubes are pulled (leave dressing in place x24hrs; notify team if initial dressing becomes saturated; after the first 24 hrs, cleanse CT sites with soap and water once daily, leave sites open to air, if there is drainage, cover with a dressing and change q24h and prn)		

Preceptor _____ Date _____