

Atrium Oasis Dry Suction Chest Drain

EBSCO Publishing 24JAN14, Item# T707873

Job Title: Nurse

Trauma Services: Emergency Center

Employee ID # _____

Name: _____ **Int:** _____ **Date:** _____

Preceptor

Name: _____ **Int:** _____ **Date:** _____

NOTE: On-the-Job Observation must be the method of validation for at least 50% of the competencies.

Competency/Skill Review	Initial Self-Assessment Date __/__/__	Method of Validation Mentor: Date and initial one or more method					Date	Preceptor's Initials (must initial to validate each competency)
		D	CI	O	T	V		
1. Experienced 2. Some Experience 3. No Experience		D: Demonstration/skill check off O: On the Job Observation by Mentor V: Verbalization of Knowledge/Critical Thinking		CI: Classroom Instruction T: Testing				
Equipment Checklist								
<ul style="list-style-type: none"> 🍏 Chest Tube : 32-36 FR for hemothorax 24-28 FR for pneumothorax 🍏 Procedure tray, sterile drapes 🍏 Atrium Oasis Chest Drain Unit 🍏 Occlusive dressing and tape 🍏 Suction tubing (check function and patency) 🍏 Chlorhexidine preps 🍏 suture material 🍏 PPE: sterile gloves, gowns, face mask/goggles 🍏 Medications including analgesics and antibiotics 								
Prerequisite Skills								
Verbalize A&P of thorax and pulmonary system in relationship to thoracic injuries	1	2	3					
Recalls potential complications involved with use of chest tubes and closed chest drains to include improper use related to placement, securement, and management	1	2	3					
States location of chest tubes, chest tube draining system, and procedural tray	1	2	3					
Verbalize standard precautions as well as aseptic technique and setup for procedure	1	2	3					
Preparation								
Reviews order and protocol	1	2	3					
Explains procedure and rationale for chest tube placement to the patient and family if indicated	1	2	3					
Gathers equipment/supplies from equipment checklist	1	2	3					
Connects suction lines and confirms function	1	2	3					

Competency/Skill Review	Initial Self-Assessment Date ___/___/___	Method of Validation Mentor: Date and initial one or more method					Date	Preceptor's Initials (must initial to validate each competency)
		D	CI	O	T	V		
1. Experienced 2. Some Experience 3. No Experience		D: Demonstration/skill check off O: On the Job Observation by Mentor V: Verbalization of Knowledge/Critical Thinking			CI: Classroom Instruction T: Testing			
Procedure								
Performs hand hygiene	1 2 3							
Is skillful in assisting provider with setting up sterile field, and donning sterile PPE. Encourage CXR to be pre-ordered	1 2 3							
Demonstrates appropriate positioning of the patient	1 2 3							
Carries out with assistance of connection and function assessment and obtaining post Xray	1 2 3							
Documents of procedure according to hospital policy	1 2 3							
Demonstration: Setting Up ATRIUM OASIS								
<ul style="list-style-type: none"> 🍏 Remove from packaging keeping drain line sterile. 🍏 Fill water chamber to 2 cm water line with supplied water ampoule 🍏 Aseptically connect to pt chest tube line 🍏 Attach suction line to blue suction port, turn suction control dial to -20 mmHg, adjust suction pressure until orange bellows reaches delta mark(▲) 🍏 Gravity assisted drainage is maintained by remaining below pt chest level. The floor stand, hangers, and handle (when ambulating) all help to maintain the ideal position for drainage. 								
Maintenance								
Placement of r proper function	1 2 3							
Discuss use of clamp	1 2 3							
Clears chest tube line of clots and maintaining patency, including avoidance of stripping lines.	1 2 3							
Troubleshooting								
Assessment of air leaks and bubbling in water seal chamber	1 2 3							
Checking chest tube line for kinks, clots, leaks, bad connections, etc.	1 2 3							
Use of high negativity vent	1 2 3							

1. Chest Drainage as a therapeutic intervention. (2009). *Teleflex Medical Incorporated*. Retrieved January 10, 2014, from http://www.teleflex.com/en/usa/ucd/chest_drainage_systems.php
2. Rajan, C. S. (2013). Tube thoracostomy management. Medscape reference. Retrieved January 10, 2014, from <http://emedicine.medscape.com/article/1503275-overview#a01>
3. Pickett, J. D. (2011). Closed chest drainage system. In D. L. -M. Wiegand (Ed.), *AACN procedure manual for critical care* (6th ed., pp. 184-203). St. Louis, MO: Elsevier Saunders.
4. Walsh K; Caple C. CINAHL Nursing Guide, EBSCO Publishing, (Ipswich, Massachusetts); 2014 Jan 31