

HYFIN CHEST SEAL

1. Level: EMT, AEMT, Paramedic, RN
2. Purpose: The Hyfin Chest Seal is a sterile occlusive dressing for treating open pneumothorax and preventing tension pneumothorax in chest injuries from gunshot wounds, stab wounds, and other penetrating chest trauma. It has a one-way valve designed to let air and blood escape while preventing re-entry of either.
3. Indications:
 - 3.1. Penetrating chest trauma
 - 3.2. Suspected open pneumothorax/hemothorax
4. Procedure:
 - 4.1. Grip red tab to peel clear liner from dressing
 - 4.2. Clean and dry the area around the chest wound with a sterile gauze pad.
 - 4.3. Remove the protective paper liner, exposing the adhesive on the chest seal.
 - 4.4. Place the chest seal over the wound.
 - 4.5. Seal and remove white flap
 - 4.6. Firmly press dressing to skin forming an effective seal
 - 4.7. Provide supplemental oxygen and airway support as indicated.
 - 4.8. Continually monitor the patient for signs and symptoms of tension pneumothorax. If tension pneumothorax develops, see [**CHEST DECOMPRESSION Procedure**](#).
 - 4.9. Document intervention and response to treatment on the electronic Patient Care Record (ePCR).