

Chest Seal

Procedure

Douglas County KS EMS System

March 2022

Approved Provider: EMR, EMT, AEMT, Paramedic

Reference Protocols: [General Trauma](#)

Indications

- All penetrating trauma from neck to belly button
- Open Pneumothorax
- Frothing or bubbling from torso or neck wound

Contraindications

- None

Precautions

- Always check for entry/exit wound on back and apply 2nd seal
- If chest seal is not available use Fast Patch or improvised with packaging and tape

Procedure

- Ensure wound site is clean enough to ensure proper adhesion of seal
- Peel transparent backing
- Apply to wound site with wound at center of seal
- Firmly press to ensure proper application
- Smooth out all edges
- Assess back of patient for additional wound
- Monitor patient for tension pneumothorax (refer to needle thoracotomy)

Complications

- None

Documentation

- Indications for procedure
- Description of procedure
- Response to procedure