Indications for Use

- The ABThera™ Open Abdomen Negative Pressure Therapy (NPT) System is indicated for temporary bridging of abdominal wall openings where primary closures is not possible and/or repeat abdominal entries are necessary. The intended use of this system is for use in open abdominal wounds, with exposed viscera, including, but not limited to, abdominal compartment syndrome.

- The ABThera™ Open Abdomen NPT System is intended for use in the acute hospital setting: in trauma, general and plastic surgery wards. The abdominal dressing will most often be applied in the operating theater.

Contraindications

- Patients with open abdominal wounds containing non-enteric unexplored fistulas should not be treated with the ABThera™ Open Abdomen NPT System.
- Protect vital structures with ABThera™ Visceral Protective Layer at all times during therapy. Never place ABThera™ Open Abdomen NPT System with the ABThera™ Open Abdomen NPT System.

ABThera™ Open Abdomen Negative Pressure Therapy Unit

1. Negative Pressure Therapy Unit
2. Canister (1000cc/mL)
3. Tubing Set/Interface Pad
4. Drape
5. Perforated Foam
6. Visceral Protective Layer

ABThera™ Visceral Protective Layer Application

Using the Visceral Protective Layer can be achieved by folding (Option 1) or cutting (Option 2).

WARNING: The foam is encapsulated for patient safety. Protect vital structures with ABThera™ Visceral Protective Layer at all times during therapy. Never place exposed foam material directly in contact with exposed bowel, organs, blood vessels or nerves.

WARNING: Hemostats must be achieved prior to dressing placement.

Determine the orientation of the dressing for the specific application. If Visceral Protective Layer will be placed around tubes, drains or the falciform ligament, cut only between the foam extensions. Do not cut near or through foam extensions. Orient the Visceral Protective Layer accordingly before cutting.

Option 1: Folding Visceral Protective Layer to Size

Hold dressing by the edge and slightly lift. Then slowly lower dressing into the periosteal gutter, while using the other hand to gently and evenly work the dressing down. Fold any excess Visceral Protective Layer up and over onto itself.

Option 2: Cutting Visceral Protective Layer to Size

1. Cut Visceral Protective Layer, away from wound, through center of large foam squares using sterile scissors (Fig. A). Do not cut through the narrow connecting tabs between the large foam squares.
2. Pinch the remaining half of the foam squares and connecting tab and pull. The foam and tab will separate at the next square (Fig. B). This will ensure that edge of Visceral Protective Layer covers exposed foam edge (Fig. C). Foam cannot contact organs, see WARNING above.

NOTE: Document number of foam extensions removed and that each piece has been properly disposed of away from wound cavity.

CAUTION: Do not tear the foam over the wound, as fragments may fall into the wound. Rub or trim foam away from the wound, removing any fragments to ensure loose particles will not fall into or be left in the wound upon dressing removal.

Perforated Foam and Drape Application

Gently place Perforated Foam into wound cavity over the Visceral Protective Layer. Ensure that Perforated Foam does not go below the level of the abdominal incision or wound. Do not force the foam into any area around tubes, drains or the falciform ligament, cut only between the foam extensions.

Determine the orientation of the dressing for the specific application. If Visceral Protective Layer will be placed around tubes, drains or the falciform ligament, cut only between the foam extensions. Do not cut near or through foam extensions. Orient the Visceral Protective Layer accordingly before cutting.

Care and Cleaning

Between patient use, and if the product becomes soiled while in use in the hospital or other healthcare organization, discontinue containing quaternary ammonium compounds or other similar disinfectants may be used to clean the ABThera™ Open Abdomen NPT System. All visible organic material should be cleared from the product prior to disinfection. Use personal protective equipment (PPE) and hand hygiene protocols in accordance with local protocols for cleaning and disinfection.

CAUTION: Avoid spilling liquid on any part of the Therapy Unit. Liquids remaining on electronic controls can cause corrosion which can cause the electronics to fail. Components may cause the Therapy Unit to operate erratically, possibly causing a potential hazard to patient or care providers.

NOTE: When using multiple pieces of Drape, ensure that the edges of the Drapes overlap in order to achieve a seal.

For more information, please contact your KCI Account Executive at 1-800-275-4524.