

Non-Commercial Temporary Abdominal Closure Technique

Tips & Tricks from ESTES Education in collaboration with the Visceral Trauma section

The Problem

Open abdomen is a well-established damage control surgery technique both in trauma and emergency surgery

The Challenge

Not all hospitals have commercial systems to fashion an open abdomen

The Evidence

- Negative pressure wound therapy is the preferred way to fashion an open abdomen
- NPWT for an open abdomen may be home-made according to Barker's technique

Tips & Tricks



- Steri drape n°2
- Laparotomy swabs n°2-3
- Jackson-Pratt n°1
- Scalpel
- Wall suction at -100 mmHg



Conclusion

Creating a home-made NPWT for an open abdomen should be one of the basic techniques known by all surgeons managing emergency surgical patients