VENTURI™ Negative Pressure Wound Therapy Systems

PRODUCT DESCRIPTION
The VENTURI™ AVANTI and VENTURI™ COMPACT Negative Pressure Wound Therapy (NPWT) systems have been designed specifically to provide clinically proven NPWT using the latest technologies and incorporating a number of unique features that will benefit both the clinician and patient in the acute and community environments.

INDICATIONS
The VENTURI™ NPWT systems are clinically indicated for a wide range of chronic and acute wounds including post operative and dehisced wounds, pressure ulcers, diabetic and neuropathic ulcers, traumatic wounds, skin flaps and grafts, venous insufficiency ulcers and explored fistulae.

CONTRAINDICATIONS/PRECAUTIONS
NPWT is contraindicated when there is malignancy in the wound or untreated osteomyelitis, and where non-enteric/unexplored fistulae or necrotic tissue with eschar are present. Do not place NPWT dressings directly over exposed blood vessels or organs.

METHOD OF USE
NPWT is applied to the wound using the gauze-based dressing technique first described by Chariker et al1. The dressing is applied using a soft silicone drain, which is cut to size, wrapped in moistened antimicrobial gauze, and then covered with a transparent film. This ensures an air-tight seal and a moist healing environment. The drainage tubing is then connected to the canister, which is attached to a pump where the pressure is regulated. Once the prescribed pressure is set, negative pressure is delivered to the wound. Using this technique lower pressure settings are used, usually between 60–80mmHg.

FEATURES/MODE OF ACTION
Clinical studies have shown that there are many benefits associated with the use of NPWT, including increased local blood flow to the wound, reduced tissue oedema through removal of excess fluid, stimulation of granulation tissue, stimulation of cell proliferation, reduction in wound volume and a decrease in the wound bio-burden.

SIZES/SPECIFICATIONS

| VENTURI™ Avanti | Dimensions 210 x 205 x 135mm, Weight 2kg |
| VENTURI™ Compact | Dimensions 161 x 162 x 92mm, Weight 1kg |
| Canister Kits | 600ml and 300ml |
| Wound Dressing Kits – Flat drain | Standard, Large and Abdominal |
| Wound Dressing Kits – Channel drain | Standard and Large |

FURTHER READING


REFERENCE