PICOSingle Use Negative Pressure Wound Therapy (sNPWT): **Step-Down **

**Consideration 1. Exudate levels:**

RENASYS TOUCH is in place and the wound is not oozing more than 300mls in a week or NPWT is required and wound exudate is estimated not to exceed 300mls per week

**NO**

Due to the high amount of exudate PICO sNPWT is not currently suitable for this wound. RENASYS◊ TOUCH may be more appropriate NPWT option.

**YES**

Review Weekly

**Consideration 2. Wound area:** Will the area of the wound fit under one of the 10 PICO dressing options?

**NO**

PICO sNPWT is not currently suitable for this wound.

RENASYS TOUCH may be a more appropriate NPWT option.

 **YES**

Refer to TVN team for guidance Email: **Shropcom.tissueviabilit****y@nhs.net**

Phone: **01952 670 925**

Review weekly or contact TVN team for guidance

**Consideration 3. Is a wound filler required:** Is the depth under 0.5cm?

**NO**

If the wound depth is 0.5-4.5cm consider the use of a filler to ensure that negative pressure therapy reaches all surfaces

of the wound cavity.

Especially if the wound bed is: Uneven, undermining or a sinus wound. (Please refer to the guidance on the right-hand side)

**YES**

PICO sNPWT is appropriate for this wound

# PICO sNPWT System has been shown to be capable of managing low to moderate exudate and deliver nominal -80mmHg therapeutic negative pressure in large wounds of depths up to 4.5cm when used with an appropriate NPWT filler as demonstrated *in vitro*1

**PICO Pump can be used with or without fillers**

## A full assessment of the wound is recommended before considering whether it is appropriate to use a wound filler or to apply the PICO sNPWT dressing directly to the wound.

Wounds greater than 0.5cm (1/4in) in depth are likely to require a foam or gauze negative pressure wound therapy filler to ensure adequate treatment of all the wound surfaces. Wounds greater than 2cm (3/4in) in depth must be treated with the use of a filler along with the PICO system to ensure adequate contact with the wound.

# **Wounds types under 2cm that the use of a filler would be appropriate:**

## The wound bed is uneven

* There is undermining

## The wound is a sinus

**Uneven wound bed**

**Undermining Sinus**



**PICO sNPWT dressing kits**

**PICO 7 sNPWT**

**and PICO 14 sNPWT are available in 2 x dressings kits and multipacks for all sizes**

 **Considerations for PICO sNPWT use**

Patient suitability

Is PICO sNPWT a suitable treatment for the patient being considered?

* Will the patient be concordant with the therapy?
* Will the patient remove and/or interfere with the dressing and/or device?
* Will PICO be acceptable to the patient?

Wound site

Is the wound location suitable for treatment with PICO sNPWT?

* Avoid sites with pins and/or external fixation
* Will it be possible to achieve and maintain a seal?
* Can the port be located in an area which will minimise the risk of pressure damage?
* Consider routing of tubing to avoid risks of pressure damage and entanglement
* Consider proximity of stoma sites
* Consider application technique over joints

Magnet warning

The PICO pump contains a magnet. **Keep the PICO sNPWT pump at least 4” (10cm) away**

**from other medical devices at all times.** Failure to do so can cause the other medical

device to fail which can result in serious harm including death

**PICO sNPWT contraindications**

The use of PICO sNPWT is contraindicated in the presence of:

* Patients with malignancy in the wound bed or margins of the wound (except in palliative care to enhance quality of life)
* Previously confirmed and untreated osteomyelitis
* Non-enteric and unexplored fistulas
* Necrotic tissue with eschar present
* Exposed arteries, veins, nerves or organs
* Exposed anastomotic sites

PICO sNPWT should not be used for the purpose of:

* Emergency airway aspiration
* Pleural, mediastinal or chest tube drainage
* Surgical suction

**PICO7 sNPWT**

**PICO 14 sNPWT**

For more information please contact: **Tissue Viability Service** **Shropcom.tissueviabilit****y@nhs.net**

**Tel: 01952 670 925**

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| --- | --- |
| **Dressing**  | **Dressing size**  |
| **10cm x 20cm** |
|  | **10cm x 30cm** |
|  | **10cm x 40cm** |
|  | **15cm x 15cm** |
|  | **15cm x 20cm** |
|  | **15cm x 30cm** |
|  | **20cm x 20cm** |
|  | **25cm x 25cm** |
|  | **Multisite small 15cm x 20cm** |
| **Multisite large 20cm x 25cm** |

**References:** 1. Smith & Nephew 9 November 2018. Evidence Outcomes Report: The Review Of Evidence Supporting The Use Of PICO In Wounds ≥2cm In Depth. Internal Report. EO.AWM.PCS230.001.v2

2. Dowsett et al, Use of PICO™ to improve clinical and economic outcomes in hard-to-heal wounds. Wounds International 2017 | Vol 8 Issue 2

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