

PICO[®] Single Use Negative Pressure Wound Therapy (sNPWT) non-healing wounds clinical practice pathway

Initial wound assessment specific considerations

- The wound has received **optimised treatment** before commencing sNPWT e.g. gold standard treatment or specialist referral.
- The wound has **reduced** by less than 20% in 2 weeks, or less than 40% in 4 weeks?
- The wound is suitable for sNPWT - **See the PICO sNPWT selection box below***
- If there are **signs of clinical infection**, use in combination with **ACTICOAT[®] FLEX 3** Antimicrobial Barrier Dressing using the **two-week challenge principles****
- The patient is deemed to be **high risk** (comorbidities, clinically vulnerable etc), therefore PICO sNPWT should be applied **in conjunction** with a referral to Tissue Viability/Skin Integrity Team/Podiatry Team.
- The patient has **capacity** to allow for a PICO sNPWT to be applied and remain in place.
- The patient is **concordant** with treatment and has had an **appropriate risk assessment** if any concerns around capacity.
- The patient is deemed **high risk** therefore PICO sNPWT should be applied (as soon as possible), not waiting for a percentage reduction measure.

Percentage wound calculator
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**ACTICOAT FLEX 3 two-week challenge principles^{1,2}

Antimicrobial dressings are recommended to be used for a minimum of two weeks. After two weeks, re-evaluate and either:

1. Discontinue if signs and symptoms of infection have resolved
2. Continue with antimicrobial if wound is progressing but there are still signs and symptoms, **or**
3. Refer to an appropriate specialist if no improvement



Note: ACTICOAT FLEX 3 and ACTICOAT FLEX 7 are only approved for use with negative pressure wound therapy for up to 3 days.

ACTICOAT indications
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*PICO sNPWT dressing selection guide



- The wound fits under one of the available PICO sNPWT dressing sizes with room to achieve a seal.
- For a wound depth greater than 2cm use a NPWT gauze or foam wound filler.
- PICO sNPWT device can be used on wounds with low to moderate exudate levels.
- For a wound depth between 0.5 and 2cm, consider the use of a NPWT wound filler.

See overleaf for PICO system indications and contraindications of use.

Weekly wound assessment to include:

- Use simple length and width measures for area and % healing calculation*
- Change in exudate levels
- Change in granulation tissue %
- Change in pain levels

*Wound depth measurements may also be considered as part of the weekly wound assessment. Whether to continue treatment with PICO sNPWT based on changes on wound depth is at the judgment and discretion of the healthcare professional.

Apply PICO sNPWT

Weekly decision points - Decision point, apply, stop or discontinue PICO sNPWT according to clinical decision boxes below

Discontinue PICO sNPWT if any standard contraindications for negative pressure apply

Wound reduced in area⁴:

<5% at week 2 (compared to week 0 area)
<7.5% at week 3 or
<10% at week 4

With no significant improvement in granulation tissue quality/quantity, static (0%) or increased in size (deteriorated)

Non-responder
STOP PICO sNPWT Therapy

Wound requires further investigation or onward referral to a specialist service

Wound reduced in area between 10%-40%⁴

Use clinical and economical judgement to determine whether PICO sNPWT treatment should be continued on a week-by-week basis

Implement standard therapy when PICO sNPWT therapy is not in use

Wound reduced in area by >40%⁴

Good responder.
Stop PICO sNPWT therapy
(But can reinstate if wound healing rate stalls – at clinician's judgement)

PICO[◇] 7 and 14 Single Use Negative Pressure Wound Therapy (sNPWT) **Order references**

PICO 7/ 14 sNPWT indications for use:

PICO 7/14 sNPWT is indicated for patients who would benefit from a suction device (NPWT) as it may promote wound healing via removal of low to moderate levels of exudate and infectious materials.

Appropriate wound types include: chronic, acute, traumatic, subacute and dehiscent wounds, partial-thickness burns, ulcers (such as diabetic or pressure), flaps and grafts, and closed surgical incisions.

PICO 7/ 14 sNPWT single use negative pressure systems are suitable for use both in a hospital and homecare setting.

PICO 7/ 14 sNPWT is contraindicated for:

- 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 14 System order references

Dressing image	Dressing size	PICO 14 device +2 dressing	NHSSC code	Multipack with 5 dressings*
	10cm x 20cm	66802042	ELZ1118	66802022
	10cm x 30cm	66802043	ELZ1110	66802023
	10cm x 40cm	66802044	ELZ1111	66802024
	15cm x 15cm	66802045	ELZ1112	66802025
	15cm x 20cm	66802046	ELZ1113	66802026
	15cm x 30cm	66802047	ELZ1114	66802027
	20cm x 20cm	66802048	ELZ1115	66802028
	25cm x 25cm	66802049	ELZ1116	66802029
	Mutisite small 15cm x 20cm	66802040	ELZ1117	66802020
	Mutisite large 20cm x 25cm	66802041	ELZ1118	66802021

PICO 7/ 14 sNPWT should not be used for the purpose of:



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



PICO 7 System order references

Dressing size	2 x dressing kit†	NHSSC code	1 x dressing kit‡	NHSSC code	Multipacks*	NHSSC code
10cm x 20cm	66802002	ELZ899	66802012	ELZ889	66802022	ELZ909
10cm x 30cm	66802003	ELZ900	66802013	ELZ890	66802023	ELZ910
10cm x 40cm	66802004	ELZ902	66802014	ELZ892	66802024	ELZ912
15cm x 15cm	66802005	ELZ901	66802015	ELZ891	66802025	ELZ911
15cm x 20cm	66802006	ELZ903	66802016	ELZ893	66802026	ELZ913
15cm x 30cm	66802007	ELZ904	66802017	ELZ894	66802027	ELZ914
20cm x 20cm	66802008	ELZ905	66802018	ELZ895	66802028	ELZ915
25cm x 25cm	66802009	ELZ906	66802019	ELZ896	66802029	ELZ916
Mutisite small 15cm x 20cm	66802000	ELZ907	66802010	ELZ897	66802020	ELZ917
Mutisite large 20cm x 25cm	66802001	ELZ908	66802011	ELZ898	66802021	ELZ918

Consumables order references

Product	Size	Code
 Foam wound dressing	10cm x 12.5cm	66801021
 5 Antimicrobial Gauze Rolls + 1 SECURA [®] NSBF Wipe	11.4cm x 3.7m	66802127

This pathway recommendation is provided for informational and educational purposes only. It is not intended to serve as medical advice. Smith+Nephew does not provide medical advice. Healthcare professionals must always rely on their own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. To review the information needed to understand and use the products safely and effectively, including indications for use, contraindications, effects, precautions and warnings, please consult the products' applicable Instructions for Use (IFU) prior to use.

*Multipacks = 5 dressings only. †2 x dressing kit = 2 dressings + 1 pump. ‡1 x dressing kit = 1 dressing + 1 pump.

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References 1. International Wound Infection Institute (IWII) Wound infection in clinical practice. Wounds International. 2016. 2. Ayello EA et al. Wound Int. 2017 1-24. 3. Gago M, Garcia F, Gaztelu V, Verdu J, Lopez P, Nolasco A. A comparison of three silver containing dressings in the treatment of infected chronic wounds. Wounds. 2008;20(10):273-278 4. Dowsett C, Hampton J, Myers D, Styche T. Use of PICOTM to improve clinical and economic outcomes in hard-to-heal wounds. Wounds Int. 2017;8(2) For detailed product information, including indications for use, contraindications, precautions, and warnings. Please consult the product's Instructions for Use (IFU)