

# Did you know NICE guidance, reviewed in 2024, supports PICO<sup>o</sup> therapy for closed surgical incisions?<sup>1</sup>

Discover how you can significantly reduce the odds of surgical site infections (SSIs) in your high-risk patients with PICO<sup>o</sup> therapy\*<sup>1,2</sup>

*\*vs. standard dressings*





**PICO<sup>o</sup> therapy.**  
**Leave nothing to chance. Smith+Nephew**



## Tackle the burden of SSIs

SSIs are one of the most common healthcare-associated infections threatening surgical wound outcomes<sup>3,4</sup>

 **1 in 5 patients** suffer from surgical site complications (SSCs)<sup>5</sup>

 **Healthcare professionals are under pressure** to ensure positive surgical incision outcomes, despite limited time and resources<sup>6-9</sup>

**However, it's estimated that 60% of SSIs can be prevented...<sup>10</sup>**

 PICO<sup>o</sup> therapy **reduces the odds of SSIs by 63%** vs. standard dressings<sup>11</sup>

 PICO<sup>o</sup> therapy is **recommended by NICE<sup>2</sup>**

**Leave nothing to chance with PICO<sup>o</sup> therapy**



**Optimise your high-risk patients' wound healing with high quality wound care**

Gain insight into the burden and prevention of SSIs

# The journey to NICE guidance with PICO<sup>o</sup> therapy

The PICO<sup>o</sup> device is the only single-use negative pressure wound therapy (sNPWT) device with NICE Medical Technologies Guidance

## 2018 Medical Technologies Innovation Briefing (MIB)<sup>12</sup>

10 RCTs

n=1863

SSI rates were significantly reduced with PICO<sup>o</sup> sNPWT vs. standard dressings

RR [95% CI], 0.49 [0.34–0.69];  $p < 0.0001$

## 2019 Medical Technologies Guidance (MTG)<sup>2</sup>

8 RCTs

n=1804

SSI rates were significantly reduced in favour of PICO<sup>o</sup> sNPWT vs. standard care

OR [95% CI], 0.51 [0.30–0.82];  $p=0.006$

## 2024 Updated Medical Technologies Guidance<sup>1</sup>

20 RCTs

n=7050

**PICO<sup>o</sup> sNPWT is associated with a significant reduction in SSI rates vs. standard dressings**

**RR [95% CI], 0.60 [0.47–0.77];  $p < 0.00001$**

## From MIB to MTG – what’s the difference?

### MIB<sup>13,14</sup>

- ✔ Supports NHS and social care commissioners and staff when considering using medical technologies
- ✘ Does not contain recommendations or hold the status of formal NICE guidance
- ✘ No longer produced or maintained by NICE

### MTG<sup>15</sup>

- ✔ Supports innovation and transformation and improves healthcare delivery across the NHS
- ✔ Guides efficient, cost-effective and consistent decisions about adopting new medical technologies



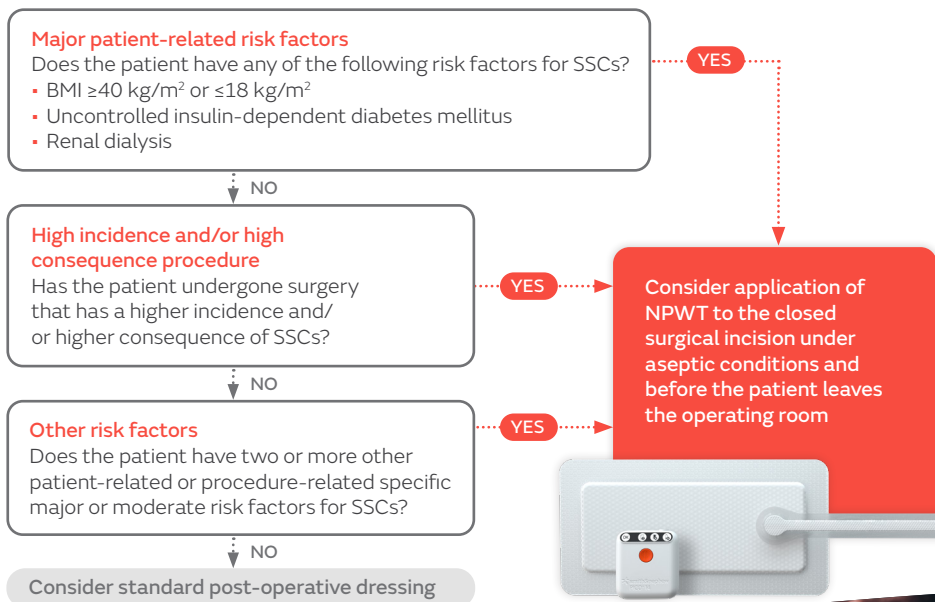
**Consider PICO<sup>o</sup> therapy for your high-risk patients**

Read the updated NICE MTG guidance

# From recommendations to implementation

## How to consider patients for PICO<sup>o</sup> therapy based on risk factors<sup>16</sup>:

Patient with closed surgical incision...



Use our online guidance tool to help build bespoke protocols.

A successful outcome starts at the finish. PICO<sup>o</sup> therapy. Leave nothing to chance.

### REFERENCES

1. NICE. <https://www.nice.org.uk/guidance/mtg43/evidence/review-decision-february-2024-pdf-13314467629> [November 2024].
2. NICE. <https://www.nice.org.uk/guidance/mtg43/resources/pico-negative-pressure-wound-dressings-for-closed-surgical-incisions-pdf-64372054098373> [November 2024].
3. NICE. Available from: <https://www.nice.org.uk/guidance/ng125/> [November 2024].
4. ECDC. <https://www.ecdc.europa.eu/en/publications-data/healthcare-associated-infections-surgical-site-annual-2018-2020/> [November 2024].
5. NHS England. <https://www.nationalwoundcastrategy.net/wp-content/uploads/2024/05/NWCS-P-Surgical-Wound-Complications-Recommendations-02.05.24.pdf> [November 2024].
6. RCS England. <https://www.rcseng.ac.uk/standards-and-research/surgical-workforce-census/> [November 2024].
7. Smith+Nephew. Data on file. 2023.
8. RCOA. <https://www.rcoa.ac.uk/sites/default/files/documents/2019-08/Perioperative-Medicine-The-Pathway-to-Better-Care.pdf> [November 2024].
9. BMA. <https://www.bma.org.uk/advice-and-support/nhs-delivery-and-workforce/pressures/nhsbacklog-data-analysis/> [November 2024].
10. Collins CR, Wick EC. *Surg Infect* 2019; 20(7):577–580.
11. Saunders C, et al. *BJS Open* 2021;5(1):zraa003.
12. Strugala V, Martin R. *Surg Infect* 2017;18(7):810–819.
13. NICE. <https://www.nice.org.uk/Media/Default/About/what-we-do/NICE-advice/Medtech-innovation-briefings/MIB-faq-document.pdf> [November 2024].
14. NICE. <https://www.nice.org.uk/about/what-we-do/our-programmes/nice-advice/medtech-innovation-briefings/> [November 2024].
15. NICE. <https://www.nice.org.uk/About/What-we-do/Our-Programmes/NICE-guidance/NICE-medical-technologies-guidance/> [November 2024].
16. Wounds International. <https://woundsinternational.com/wp-content/uploads/2023/02/e1f19ed6450ae3053b58fb0fd137de86.pdf> [November 2024].

### ABBREVIATIONS

CI, confidence interval; NPWT, negative pressure wound therapy; OR, odds ratio; RCT, randomised controlled trial; RR, relative risk; sNPWT, single-use negative pressure wound therapy; SSC, surgical site complications; SSI, surgical site infection.