



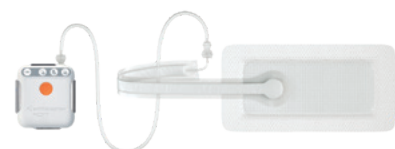
Reducing the human
and economic burden
in abdominal surgery

Helping you get **CLOSER TO ZERO**® surgical site complications.

Smith+Nephew

PICO[◇] 7

Single Use Negative Pressure
Wound Therapy System



Risks in abdominal surgery

Patient challenges are increasing:¹

- **BMI ≥ 30** ▪ **ASA ≥ 3**
- **Diabetes** ▪ **Co-morbidities**
- Many wounds classified as contaminated/dirty:²
18% to 48% of bowel surgeries
- High incidence rate of surgical site infections (SSI):^{1,2}
9.2% to 27.6% in large bowel surgery
- Majority are superficial incisional infections:^{1,2}
62% of large bowel surgeries



In abdominal surgery, identifying your high risk patients and using PICO may help reduce the cost and burden associated with SSIs.^{3,4}

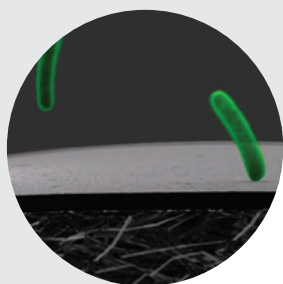


Improving outcomes with incisional Negative Pressure Wound Therapy

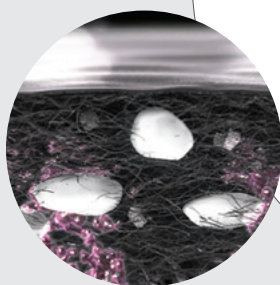
Negative Pressure Wound Therapy has multiple mechanisms of action that improve the speed, strength and quality of incisional wound healing. This minimises wound complications such as oedema, seroma and haematoma formation as well as dehiscence.⁵

The benefits of Negative Pressure Wound Therapy are:

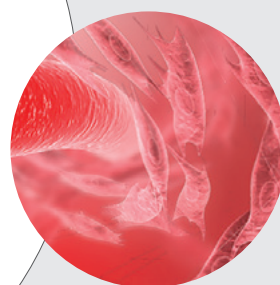
Protects the incision from external contamination.⁶



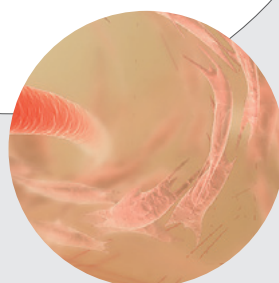
Holds closed incision edges together and helps **reduce tensile forces** across the incision.^{7*}



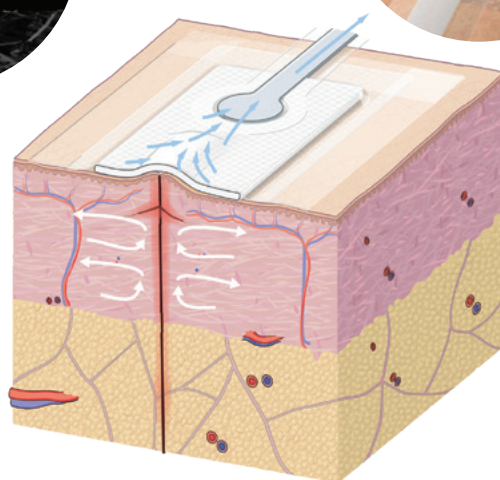
Reduces seroma and haematoma fluid collections.^{4,8}



Helps **promote perfusion**.⁹



Helps **reduce oedema**.⁹



*In vitro testing

PICO[◇] 7 with AIRLOCK[◇] Technology: improved single-use NPWT

The elements



PICO[◇] 7 dressings with AIRLOCK[◇] Technology: leading the way in NPWT for closed surgical incision sites

Absorption^{9*}

20%

Approximately 20%
fluid still remains in the
dressing

Evaporation^{9*}

80%

On average 80% of
the exudate is lost by
evaporation

Absorbent core

locking exudate away
from wound^{9,12*}

Top film layer

has a high moisture vapour
transmission rate⁹ and
protects the wounds from
external contamination¹³

Pioneering AIRLOCK Technology

transmits pressure evenly
across whole wound bed^{9,14}

Silicone adhesive layer

protects the wound
environment and helps
to reduce pain on
removal^{13,15†}

For patient outcomes,
this changes everything

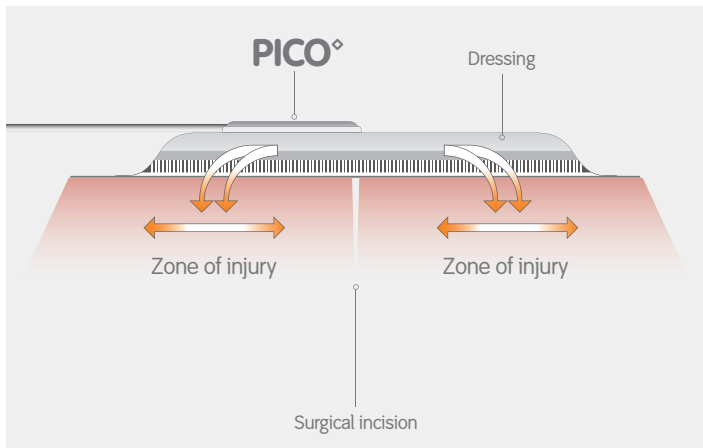
*In vitro testing.

†ALLEVYN™ dressing has the identical silicone adhesive wound contact layer, with the same properties as the PICO dressing.

The PICO[◇] 7 system

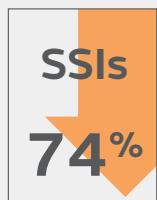
Pioneering by design

PICO 7 has a proprietary AIRLOCK[◇] Technology layer which ensures that pressure is distributed in a uniform way across the incision and the zone of injury.^{9,16*}



This pioneering AIRLOCK Technology layer also helps support the movement of fluid away from the wound and in conjunction with the super absorbent core prevents up to 99.9% of bacteria movement to the wound contact layer. It ensures that bacteria are locked away from the wound.^{17*}

Improving outcomes with PICO NPWT for surgical wounds

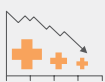


Reduce SSIs by 74%

For patients with closed laparotomy wounds following abdominal surgery, PICO significantly reduced the incidence of SSIs by 74%[†], compared to care with standard dressings, helping to reduce the length of hospital stays.³

For high-risk patients **this changes everything**

82%



Reduce seroma by 82%

In abdominal surgery for Crohn's disease, PICO significantly reduced the incidence of seroma by 82%[‡], and reduced post-surgical complications compared to care with standard dressings.⁴

For patient recovery **this changes everything**

8 days



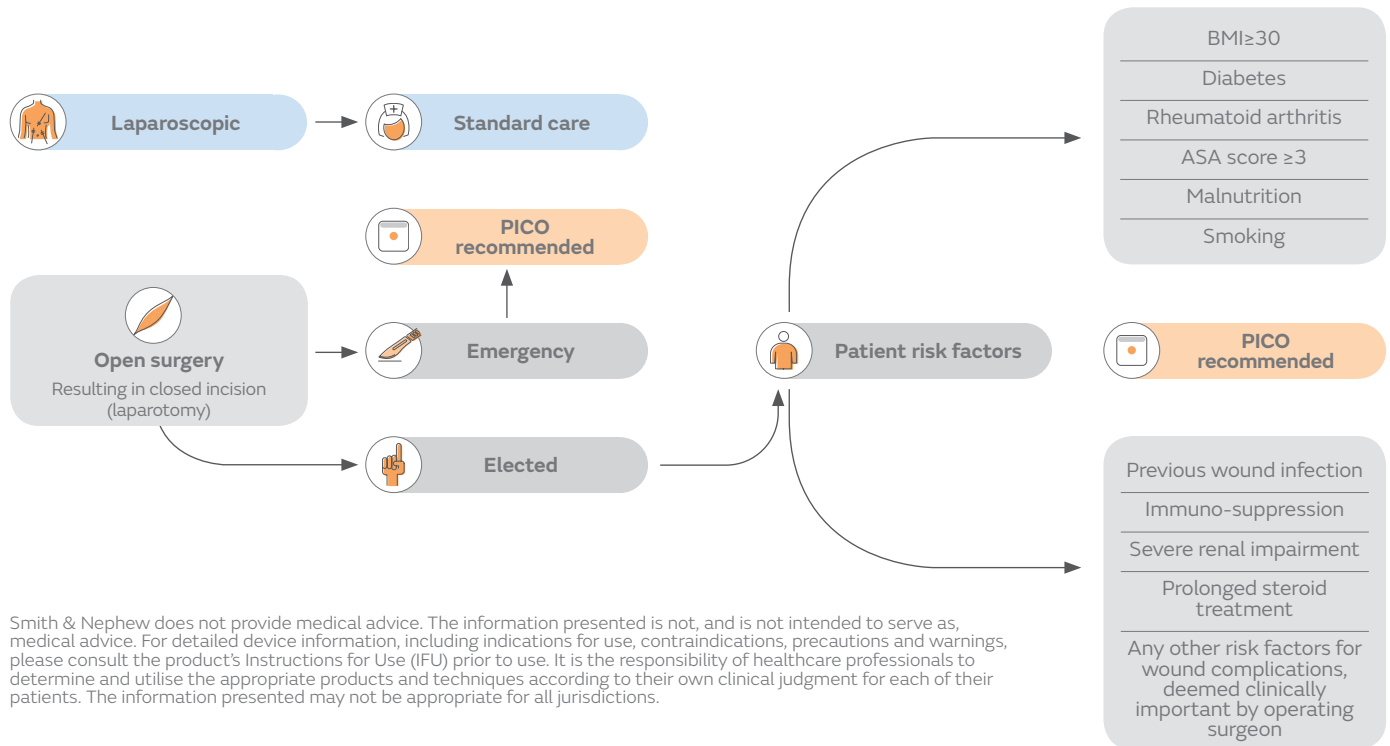
Cut hospital stays by up to 8.6 days

In patients with closed laparotomy wounds following abdominal surgery, those treated with PICO had significantly reduced hospital stays, that on average were 8.6 days[§] shorter than those treated with standard dressings.⁴

For healthcare budgets **this changes everything**

*In vitro test over 4 days at -80mmhg. [†]Reduced SSIs %: 50 patient study; PICO 2 patients (8.3%); control group 8 patients (32.0%); p=0.043. [‡]Reduction in seroma: 50 patient study. PICO 2 patients (8%); standard care 11 patients (44%); p=0.008. [§]50 patient study; length of stay reduced: PICO 6.1 days, control group 14.7 days; p=0.019.

Abdominal surgery pathway¹⁸



ACTICOAT[◇] Flex Antimicrobial Silver Barrier Dressing

Proven antimicrobial protection

- Fast acting - ACTICOAT rapidly kills bacteria in as little as 30 minutes.¹⁹⁻²²
- Effective against 150+ broad pathogens including MRSA, VRE and fungi.^{19,20, 23-27}
- Sustained release of silver providing efficacy up to 3 or 7 days.^{24,26}
- Open weave design allows easy fluid migration and exudate passage making it an ideal primary wound contact layer under negative pressure wound therapy.²⁸



Ordering information

PICO[®] 7

Dressing	Dressing size	2x dressing kit*	1x dressing kit**	Multipacks***
	10cm x 20cm	66802002	66802012	66802022
	10cm x 30cm	66802003	66802013	66802023
	10cm x 40cm	66802004	66802014	66802024
	15cm x 15cm	66802005	-	-
	15cm x 20cm	66802006	-	-
	15cm x 30cm	66802007	-	-
	20cm x 20cm	66802008	-	-
	25cm x 25cm	66802009	-	-
	Multisite small 15cm x 20cm	66802000	-	-
	Multisite large 20cm x 25cm	66802001	-	-
Consumables	Dressing size	Product code		
	Foam dressing filler 10cm x 12.5cm x 1.5cm	66801021	-	-
	Gauze dressing filler 11.4cm x 3.7m	66802127	-	-

* 2 x dressing kit = 2 dressings + 1 pump; ** 1 x dressing kit = 1 dressing + 1 pump; *** Multipacks = 5 dressings only

ACTICOAT[®] Flex 3

Code	Description	Items per unit
66801290	4cm x 15cm	Box/5
66801291	4cm x 25cm	Box/5
66801292	4cm x 35cm	Box/5
66800396	5cm x 5cm	Box/5
66800398	10cm x 10cm	Box/5

ACTICOAT[®] Flex 7

Code	Description	Items per unit
66800395	5cm x 5cm	Box/5
66800397	10cm x 12.5cm	Box/5

*In vitro testing does not necessarily predict clinical performance.

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For detailed product information, including indications for use, contraindications, precautions and warnings, please consult the product's applicable Instructions for Use (IFU) prior to use.

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