Control your risk Control your outcomes

Reducing the risk of orthopedic surgical site complications (SSCs) with next-level technology.

Smith-Nephew

PICO[♦] Single Use Negative Pressure Wound Therapy System

Higher risk demands higher standards



The rate of surgical incision complications for at-risk orthopedic patients is higher than it is for the general population.^{6,7}



The combination of obesity with diabetes revealed a nearly sevenfold increase in periprosthetic knee infections when compared with obese patients without diabetes.

How do you define high risk?

Certain comorbidities are believed to be the main culprits:9











Diabetes

Obesity

Immune deficiency

Hypertension

Smoking

More procedures – and more risk

An aging population means a projected increase in total joint arthroplasty (TJA) procedures – and complications from those procedures.^{1,2}

> The most common surgical site complications for total joint replacement procedures are:



Surgical site infection

The number one reason for readmissions after total joint surgery³



Prolonged drainage Shown to increase the risk of infection by:

- 42% following a total hip arthroplasty (THA)⁴
- 29% following a total knee arthroplasty (TKA)⁴



Dehiscence In one study, 43% of the procedures in which patients developed dehiscence were considered failures⁵

Does standard incision care meet your standards?

PICO^o sNPWT is a pioneering negative pressure wound therapy system with a unique mode of action that can help raise the level of care for orthopedic surgical incisions:

- Manages low to moderate levels of exudate¹⁰⁻¹²
- Canister-free and portable, which can help improve patient mobility^{13,14} and increase satisfaction rates¹⁵
- Provides therapy for up to seven or 14 days
- Delivers compression-like therapy to the incision and its margins¹⁶⁻¹⁸
- May improve scar quality^{19,20}



Where negative pressure meets positive outcomes

In a randomized controlled trial, the PICO[◊] sNPWT System has been shown to:

- Reduce superficial SSCs by up to 76% while also reducing exudate, length of stay and dressing changes²⁹
- Save an estimated \$8,800 per high-risk patient following primary hip and knee arthroplasty, compared to standard care³⁰

See more case studies at: possiblewithpico.com

Case studies

High-risk patient with total hip replacement

65-year-old female with hypertension, diabetes, BMI 35 kg/m2, osteoarthritis







Individual results will vary.

High-risk patient with knee implant

77-year-old male with hypertension and osteoarthritis







PICO sNPWT discontinued at day 13

Patient satisfaction, powered by PICO^{\$} sNPWT

The PICO sNPWT System features a portable, canister-free design that has been shown to increase patient satisfaction rates vs tNPWT.¹⁵

- May improve scar quality^{19,20}
- Portable system allows patients the freedom to continue daily activities^{13,14}
- Gentle silicone adhesive makes application and removal easy while minimizing pain upon removal³¹⁻³⁴
- Splashproof dressing, allowing patients the ability to shower*35
- Quiet system better enables patients to sleep³⁶
- Now offering therapy for up to 14 days with PICO 14 System

Important Safety Information

The PICO 14 pumps contain a MAGNET. Keep the PICO 14 pumps at least 4 inches (10 cm) away from other medical devices at all times. As with all electrical medical equipment, failure to maintain appropriate distance may disrupt the operation of nearby medical devices. For full product and safety information, please see the Instructions for Use

*The PICO dressing should not be exposed to a direct spray or submerged in water

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References: 1. Kurzt 5, Ong K, Lau E, Mowat F, Halpern M, Projections of primary and residen hip and knee arthroplastis in a dults in the United States from 2005 to 2030. J Bone Joint Surg Am. 2007;89(4):780-785. 2. Wolford HM. Hatfield KM, Paul P, Yi SH, Slaydon
BB. The projected bunden of complex surgical site infections following hip and knee arthroplastis in the United States, 2020 through 2000. Infect Control Hosp Epdemiol. 2013;39(10):1139-135. 3. Apold A. Auxia F. Barchitta H. et al. Risk of
surgical site infections following plana with proceeding and sense arthroplastic pressure sound denings and primary
total hip and knee arthroplasty. Taking and the arthroplastic pressure sound therapy system suitable for resion anthroplasty? Adv Orthop Surg. 2015;2015;1-4 7. Jamsen E, Nevalainen P. Elsellinen
A. Hudarn K, Kalkinavakana J, Mohanen T. Obesity, Lidabets, and presentave hypergylecenia as predictors of perinosthecic joint infections. A raina end the antiperiod sense and the antiperiod sense and

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