

+ Evidence in focus

Independent meta-analysis by the International Consensus Meeting for Orthopaedics demonstrates that PICO[®] sNPWT significantly reduces the risk of surgical site infection (SSI) following orthopaedic surgery compared to standard of care

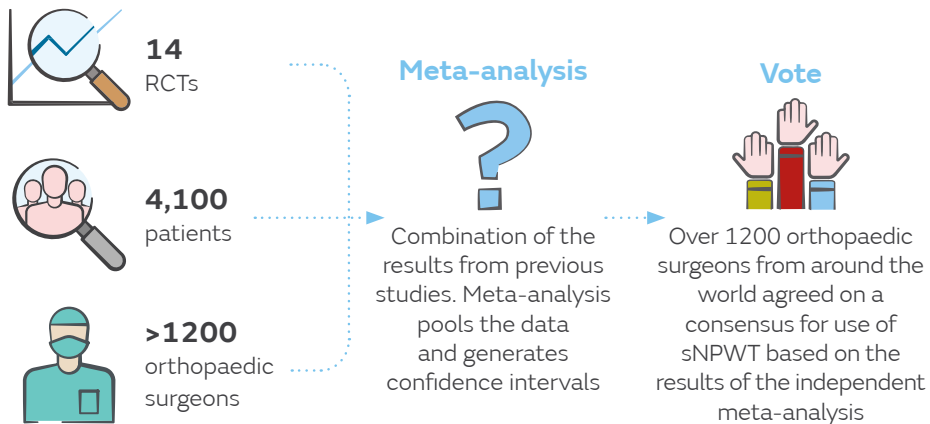
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3rd Meeting of the International Consensus Meeting 2025. May 8–10, Istanbul, Turkey.

Overview

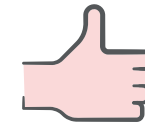
- At the 3rd International Consensus Meeting (ICM) for Orthopaedics, the use of post-surgical Single Use Negative Pressure Wound Therapy (sNPWT), which includes PICO sNPWT, was debated
 - The ICM is voted on by over 1200 orthopaedic surgeons from around the world
- “Is there a role for the use of incisional negative pressure wound therapy (iNPWT) in patients undergoing major orthopaedic surgery?”
 - To effectively answer this question and assess the need for PICO sNPWT, members of the ICM conducted an independent systematic literature review and meta-analysis

Methodology



Results

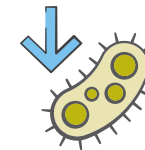
“Is there a role for the use of iNPWT in patients undergoing major orthopaedic surgery?”



“YES,”

Consider using iNPWT as a measure to prevent SSI, periprosthetic joint infection (PJI), and fracture related infections (FRI) in patients undergoing major orthopaedic surgery”

A sub-analysis of PICO only studies from the independent meta-analysis found a



45%

lower risk of SSI, PJI and FRI with PICO sNPWT*

Conclusion

Based on the results of an independent meta-analysis, the International Consensus Meeting for Orthopaedics recommend the use of iNPWT to minimise the risk of SSI in adult patients with primarily closed surgical incisions after lower extremity/acetabular fracture surgery and joint arthroplasty of the hip and knee. In a subanalysis, PICO sNPWT was demonstrated to reduce the relative risk of SSI, PJI and FRI by 45% following orthopaedic surgery compared to standard of care.



Scan or click the QR code to read the ICM synopsis

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*In clean surgery.

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