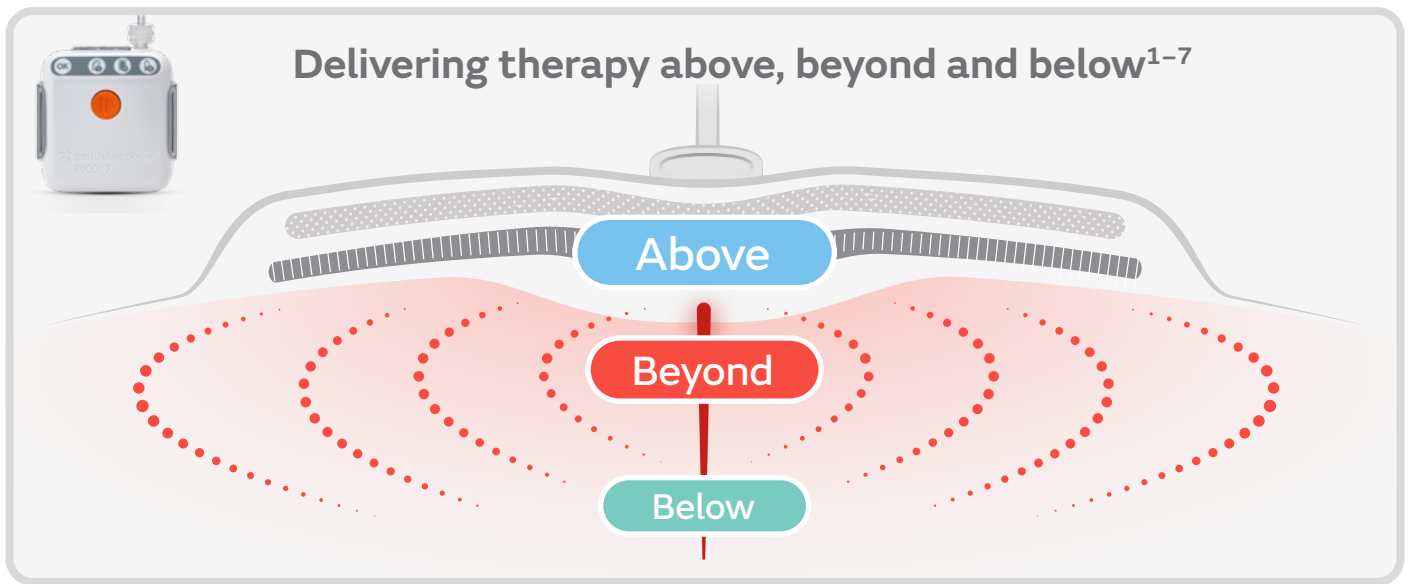


Manage the incision. Manage the outcome. Protect your surgical wounds with **PICO^o sNPWT 360^o pro-active therapy**.



PICO^o Single Use Negative Pressure Wound Therapy System (sNPWT), equipped with its 360^o dressing technology,¹⁻⁷ provides a 'pro-active therapy' to help protect^{2,5,8-14} and promote^{4,7,9,11-14} the healing process beyond the zone of injury.^{7,9}



Above



Reduces lateral tension across the incision⁶

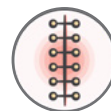


Removes excess fluid and locks bacteria away while protecting from further contamination^{*†2,15}

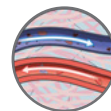
Beyond



PICO sNPWT delivers compressive forces that span the entire dressing extending beyond the incisional line.‡ This may help manage excessive oedema and interstitial fluid¹⁷⁻¹⁹

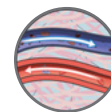


Delivers compressive force to the incision to reduce dehiscence and minimise scarring^{20,21}

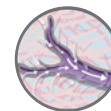


PICO sNPWT promotes changes in blood flow for oxygen and essential nutrient delivery^{†10,11}

Below



PICO sNPWT promotes changes in blood flow for oxygen and essential nutrient delivery^{§10,11}



Negative pressure wound therapy has been shown to promote lymphatic drainage^{§13,16}



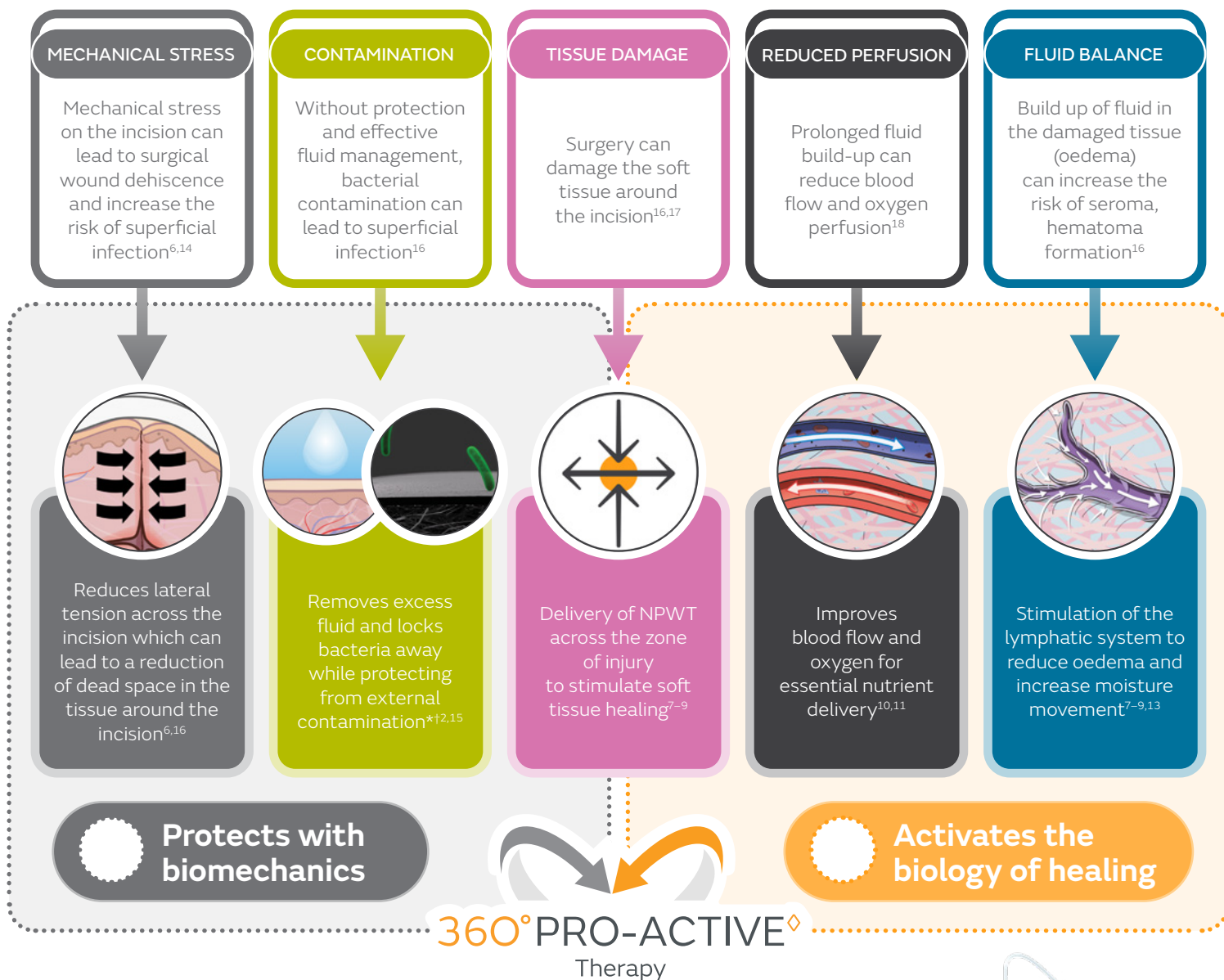
Protects with biomechanics



Activates the biology of healing

Leave nothing to chance with PICO[◇] therapy

PICO[◇]
Single Use Negative Pressure
Wound Therapy System



Disclaimer: The PICO Single Use Negative Pressure Wound Therapy System (sNPWT) functions through a physical mode of action. All therapeutic effects described—such as reduction of biofilm, fluid removal, stimulation of lymphatic flow, and activation of cellular responses (e.g., fibroblast migration or angiogenesis)—are mechanically induced through the application of uniform negative pressure and compressive forces. These effects are not the result of biological, chemical, or pharmacological interactions, and should not be interpreted as such. This information is intended to support understanding of the physical mechanisms by which the PICO System may contribute to an optimal wound healing environment.

This material is intended for healthcare professionals. 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.

*By biomechanical forces

References: 1. Smith+Nephew 2020. Bacterial barrier testing of the PICO dressing. Internal report 2001002. 2. CSD.AWM.24.065 - Assessment of the Effect of the PICO[◇] 7 Single Use Negative Pressure Wound Therapy System and Conventional Dressings on PreEstablished Biofilms *in vitro* Using a Wound Surface Biofilm Model. 3. Smith+Nephew July 2018.PICO 7Y Non-NPWT Wound Model Summary. Internal report DS.18.260.R. 4. Hurd T, Gilchrist B. Single use negative pressure wound therapy (sNPWT) in the community management of chronic open wounds deeper than 2cm. Paper presented at: Symposium on Advanced Wound Care/Wound Healing Society Meeting; 2020; Abu Dhabi. 5. Smith+Nephew November 2018.The Review Of Evidence Supporting The Use Of PICO In Wounds ≥2cm In Depth. Internal Report. EO.AWM.PCS230.001.v2. 6. Loveluck J, Copeland T, Hill J, Hunt A, Martin R. Biomechanical Modeling of the Forces Applied to Closed Incisions During Single-Use Negative Pressure Wound Therapy. *ePlasty*. 2016;16:183–195. 7. Casey C. Consistent delivery of therapeutic negative pressure levels by a single use negative pressure wound therapy system (sNPWT)* in a wound model. Paper presented at: EWMA; 2019; Gothenburg, Sweden. 8. Smith+Nephew 2019. PICO Biomechanical Study. Internal report DS/19/211/R. 9. Smith+Nephew 2021.PICO[◇] Pressure Mapping Study. Internal report. DS/19/211/R - Part B. 10. Scalise A, Calamita R, Tartaglione C, et al. Improving wound healing and preventing surgical site complications of closed surgical incisions: a possible role of Incisional Negative Pressure Wound Therapy. A systematic review of the literature. *Int Wound J*. 2016;13:1260–1281. 11. Malmström M, Huddleston E, Martin R. Biological effects of a disposable, canisterless negative pressure wound therapy system. *ePlasty*. 2014;14:e15. 12. Xia CY, Yu AX, Qi B, et al. Analysis of blood flow and local expression of angiogenesis associated growth factors in infected wounds treated with negative pressure wound therapy. *Mol Med Rep*. 2014;9(5):1749–1754. 13. Kilpadi DV, Cunningham MR. Evaluation of closed incision management with negative pressure wound therapy (CIM): hematoma/seroma and involvement of the lymphatic system. *Wound Repair Regen*. 2011;19(5):588–596. 14. Brownhill, et al., 2023. sNPWT versus conventional dressings for the reduction of surgical wound dehiscence (SWD): *In vitro* and clinical data. Poster EWMA 2023. 15. Smith+Nephew February 2011. Bacterial barrier testing (wet-wet) of PICO dressing with a 7 day test duration against *S. marcescens*. Internal report 1102010. 16. Ciprandi G, et al. World Union of Wound Healing Societies (WUWHS) Consensus Document. Closed surgical incision management: understanding the role of NPWT. *Wounds International*, 2016. 17. Steele PRC, Curran JF, Mountain RE. Current and future practices in surgical retraction. *The Surgeon*. 2019; 11(6):330–337. 18. Hess CT. Checklist for factors affecting wound healing. *Adv Skin Wound Care*. 2011 Apr;24(4):192. doi: 10.1097/01.ASW.0000396300.04173.ec. PMID: 21422844. 19. Mcmanus H, Woodmansey E. Bacterial retention within a multi-layered absorbent AIRLOCK™ Technology Single Use Negative Pressure Wound Therapy (sNPWT) dressing. Paper presented at: EWMA; 2018; Krakow, Poland.