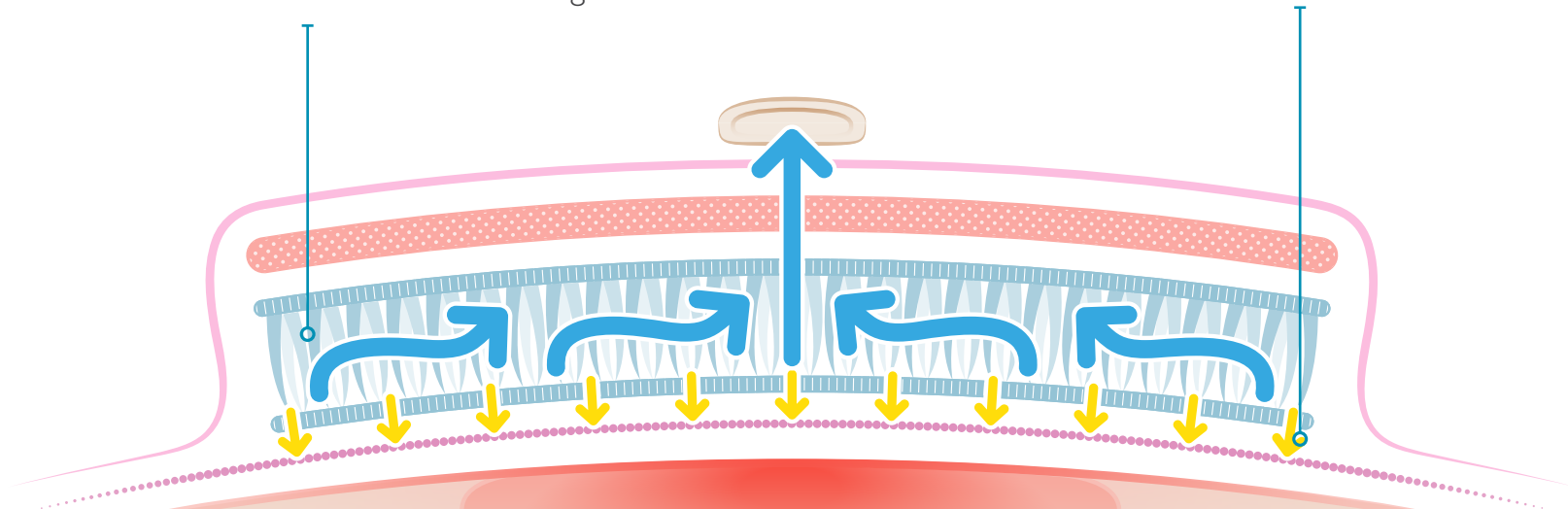


AIRLOCK[◇] Technology: The smart layer that sets PICO[◇] sNPWT apart

Managing negative pressure using
PICO sNPWT with AIRLOCK Technology

The AIRLOCK[◇] Technology layer
delivers negative pressure consistently^{1,2*}
across the entire dressing.^{1,3,4†}

This **extends the zone of therapy** to the entire
wound and surrounding tissue, not just the area
immediately under the port.^{1,3,4†}



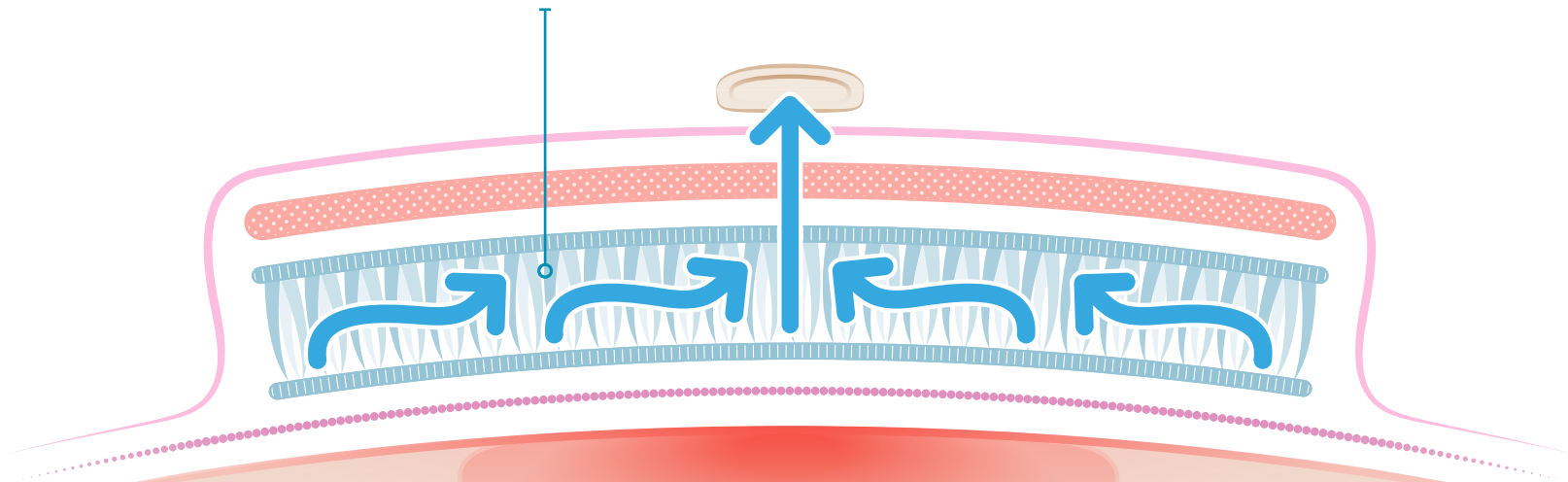
Wide delivery. Constant pressure. **Optimal outcomes.**

AIRLOCK[◇] Technology: The smart layer that sets PICO[◇] sNPWT apart

- Each PICO sNPWT dressing has four layers.
- The PICO sNPWT proprietary AIRLOCK Technology sits one layer back from the wound.
- Its semi-rigid, honeycomb-like design **maintains its form**, even under pressure.
- This allows air and fluid to flow **consistently**^{1,2*} across the whole dressing area.^{1,3,4†}



AIRLOCK[◇] Technology
delivers negative pressure
consistently^{1,2*} across
the entire dressing.^{1,3,4†}

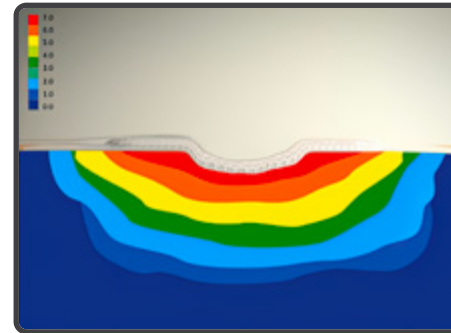


Wide delivery. Constant pressure. **Optimal outcomes.**

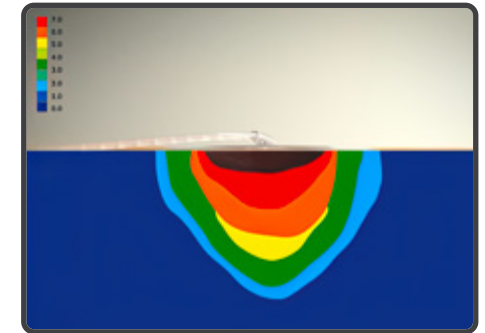
AIRLOCK[◇] Technology: The smart layer that sets PICO[◇] sNPWT apart



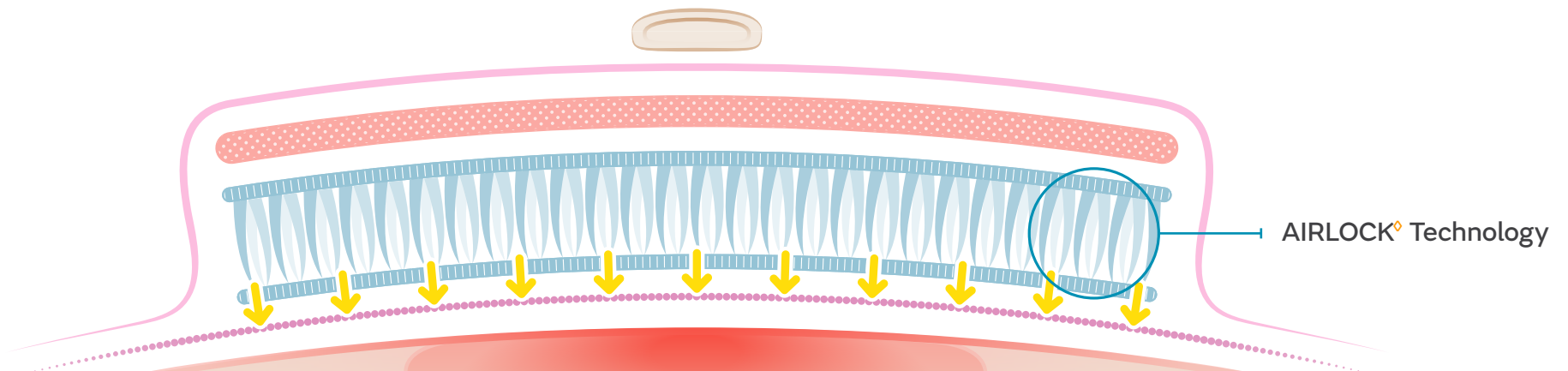
AIRLOCK Technology in action



PICO[◇] sNPWT delivers compressive forces that span the entire dressing, provides a wider zone of therapy.^{1,3,4*}



Traditional NPWT is localised around the wound.



Wide delivery. Constant pressure. **Optimal outcomes.**

AIRLOCK[◇] Technology: The smart layer that sets PICO[◇] sNPWT apart

Managing exudate using PICO sNPWT with AIRLOCK Technology

Super absorbent core

locks exudate away from the wound.⁵

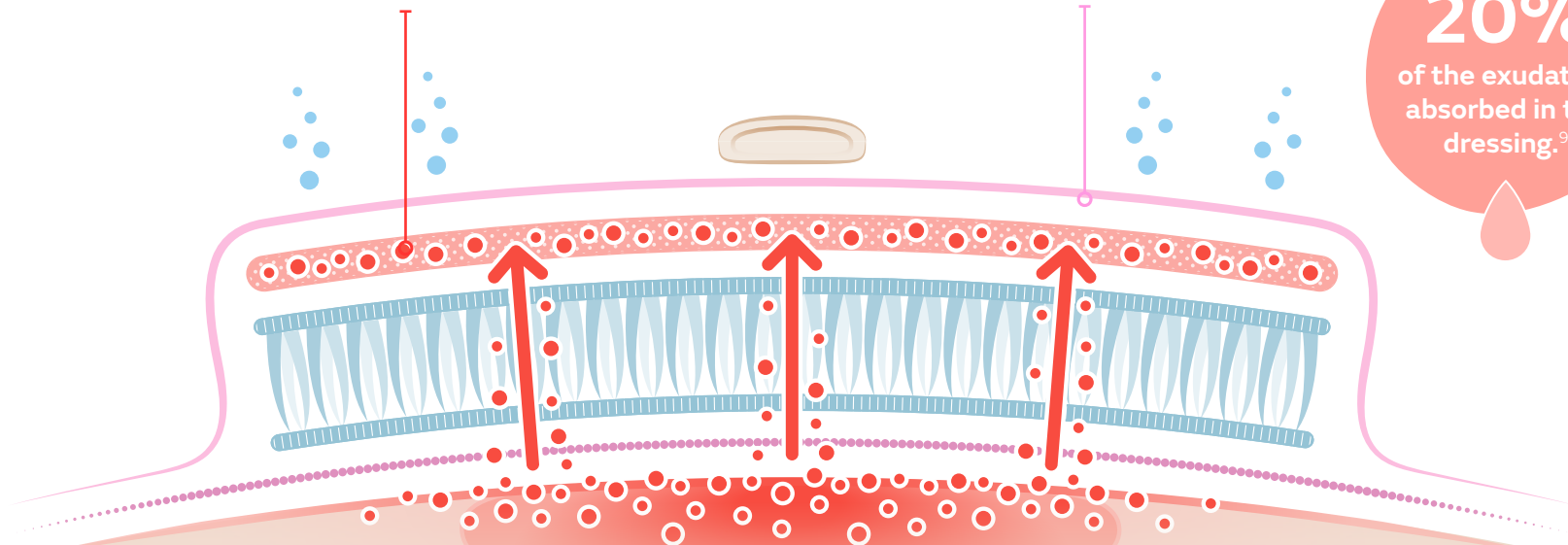
Once bacteria is within the dressing, **over 99% is locked within the dressing** and away from the wound.^{6*}

Top film layer

has a high moisture vapour transmission rate and **protects the wound from external contamination**.^{7,8}

Up to
80%
of the exudate
is lost by
evaporation.⁹

20%
of the exudate is
absorbed in the
dressing.⁹



Wide delivery. Constant pressure. **Optimal outcomes.**

Smith & Nephew Pty Ltd
Australia
T +61 2 9857 3999
F +61 2 9857 3900
smith-nephew.com/en-au

Smith & Nephew Ltd
New Zealand
T +64 9 820 2840
F +64 9 820 2841
smith-nephew.com/en-nz

◇Trademark of Smith+Nephew
All trademarks acknowledged
©June 2023 Smith+Nephew
39001-anz V1 06/23

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.

References: **1.** 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. **2.** Smith+Nephew January 2019. Air Leak Tolerance Report: A comparison of PICO v2 (PICO 7 and PICO 14) Devices to PICO vL6 (PICO) Devices. Internal Report. RD/19/006. **3.** Smith & Nephew 2019. PICO Biomechanical Study. Internal Report. DS/19/211/R. **4.** Smith+Nephew 2021. PICO Pressure Mapping Study. Internal Report. DS/19/211/R - Part B. **5.** Smith+Nephew July 2018. PICO 7Y Non-NPWT Wound Model Summary. Internal Report. DS.18.260.R. **6.** 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. **7.** Smith+Nephew 2018. Summary of routine QA testing on MVP of PICO dressings. 2018. Internal Report. DS/18/153/R. **8.** Smith+Nephew 2020. Bacterial barrier testing of the PICO dressing. Internal Report. 2001002. **9.** Malmjö M, Huddleston E, Martin R. Biological effects of a disposable, canisterless negative pressure wound therapy system. *ePlasty*. 2014;14:e15.