

# + Quick reference guide

## Smith+Nephew

### PICO<sup>◇</sup> 14

Single Use Negative Pressure  
Wound Therapy System

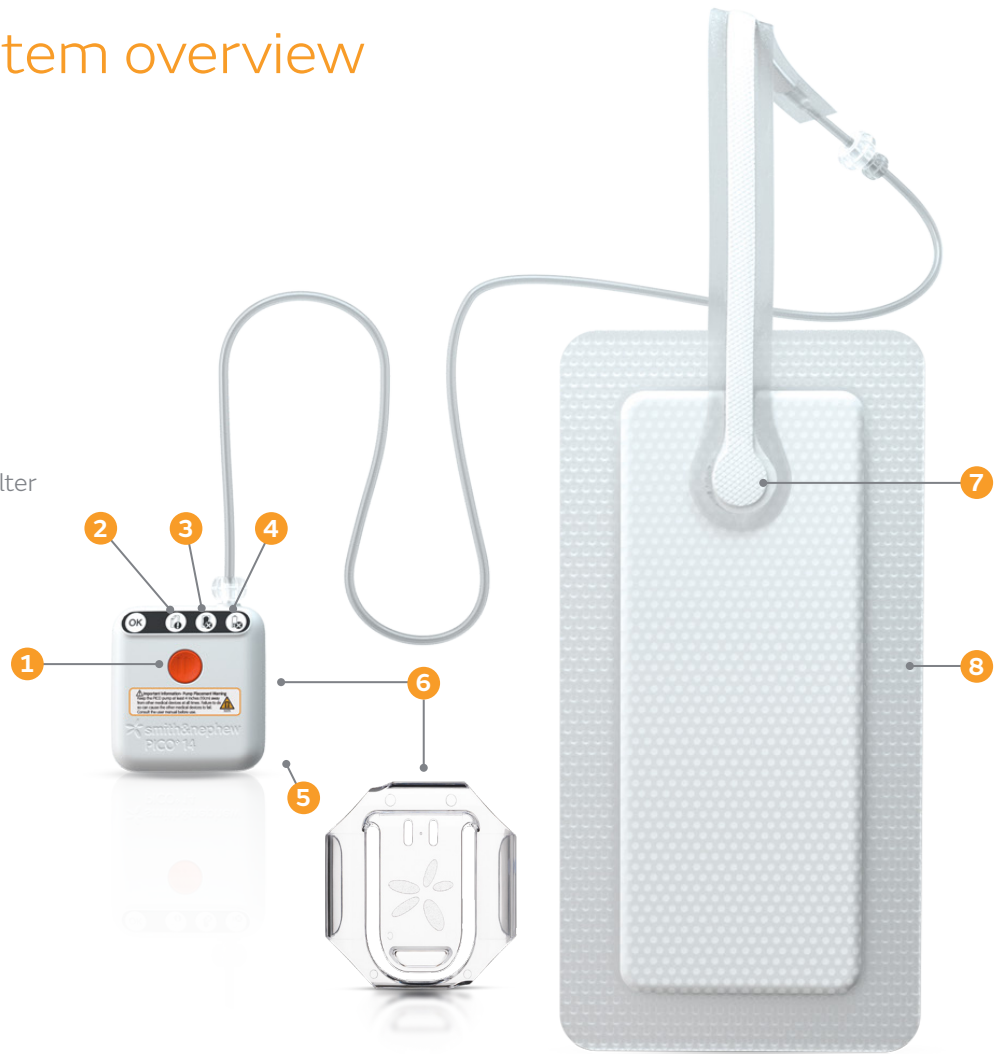


Helping you get **CLOSER TO ZERO**<sup>◇</sup> surgical site complications<sup>1</sup>  
[possiblewithpico.com](http://possiblewithpico.com)

# PICO<sup>◇</sup> 14 system overview

## PICO 14 features:

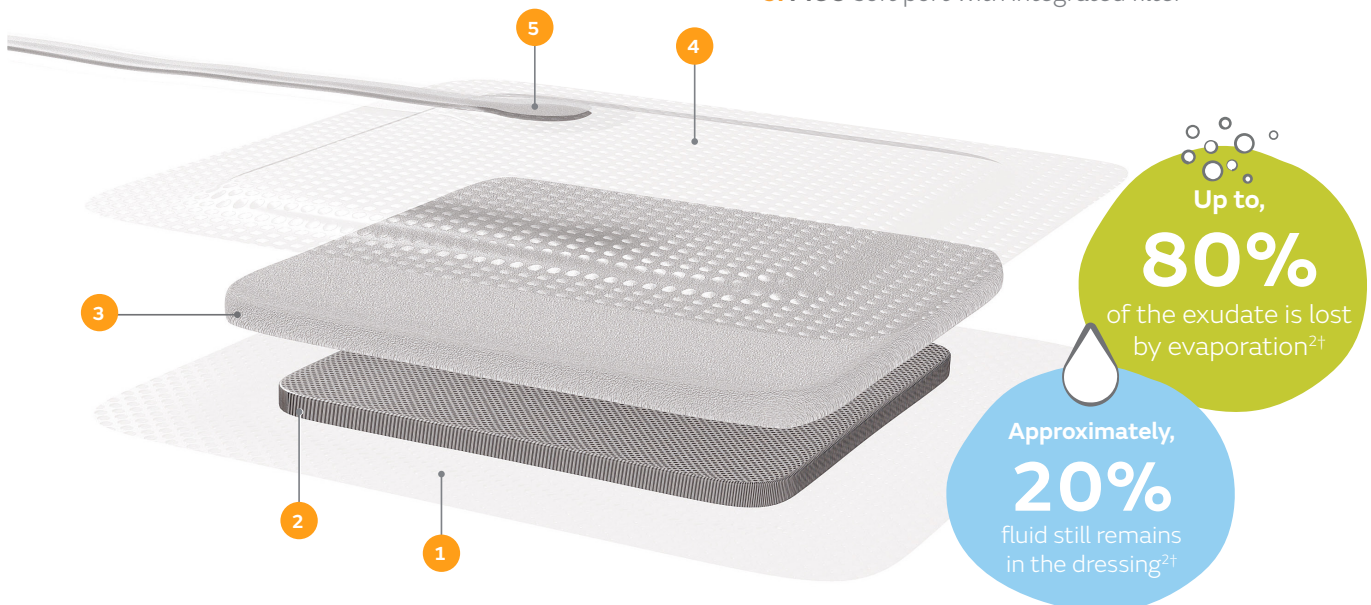
1. Single button operation for ultimate simplicity
2. Indicator for vacuum leak
3. Dressing full indicator
4. Low battery indicator
5. Operates on 2 x Alkaline AA batteries
6. Belt-clip for portability
7. Soft port with integrated filter
8. Gentle dressings<sup>2-6</sup>



## AIRLOCK<sup>◇</sup> Technology

Only PICO sNPWT has a proprietary AIRLOCK Technology layer

1. **Silicone adhesive layer** minimizes pain on removal<sup>7</sup>
2. **Pioneering AIRLOCK Technology** transmits pressure evenly across the whole wound bed and surrounding zone of injury<sup>†2</sup>
3. **Super absorbent core** locking exudate away from wound<sup>†2</sup>
4. **Top film layer** has a high moisture vapor transmission rate and protects the wounds from external contamination<sup>†2</sup>
5. **PICO soft port with integrated filter**

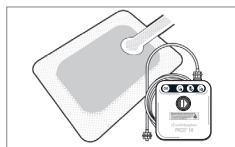


Footnote: † In-vitro testing.

The **PICO<sup>o</sup> 14 sNPWT** pump has visual indicators to let the user know when there is an issue. The PICO 14 pump does not contain audible alerts. The PICO 14 pump should be carried so that it is accessible and the patient/healthcare professional can check the status routinely in case there is a fault or in case of damage.

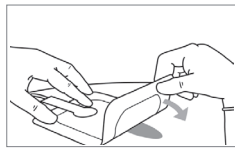
Display/indicator status	Possible cause	Comments/troubleshooting
<p><b>All indicators off</b></p> 	<p>The pump is in standby.</p> <p>The pump has completed its course of NPWT.</p> <p>The batteries have depleted.</p>	<p>Negative pressure wound therapy (NPWT) is paused. Press the orange button to restart negative pressure wound therapy.</p> <p>Pressing the orange button will not restart NPWT. Healthcare professional to apply new pump and dressing if further NPWT is required.</p> <p>If the pump has not yet completed its course of NPWT, replace the batteries.</p>
<p><b>Green “OK” and orange “leak” indicators flash</b></p> 	<p>The pump is working to achieve NPWT but has not reached the intended pressure.</p>	<p>Wait up to 100 seconds. Assess whether NPWT has been established.</p>
<p><b>Green “OK” indicator flashes</b></p> 	<p>System is functioning properly. No issues.</p>	<p>The pump may be heard running occasionally as it maintains the negative pressure. This is normal.</p>
<p><b>Green “OK” and orange “battery low” indicators flash</b></p> 	<p>System is functioning properly but the batteries are low.</p>	<p>Replace the batteries and press the orange button to restart pump.</p>
<p><b>Orange “leak” indicator flashes</b></p> 	<p>A high air leak has been detected. NPWT is not being applied.</p> <p>Note: the pump will automatically try to restart NPWT after 1 hour.</p>	<p>Smooth down the dressing and strips to remove any creases. Press the orange button to restart NPWT. If the air leak remains, the orange “leak” indicator will flash again after approximately 100 seconds. Ensure that the tube connectors have been twisted together securely.</p>
<p><b>Orange “leak” and orange “battery low” indicators flash</b></p> 	<p>A high air leak has been detected and the batteries are low. NPWT is not being applied.</p> <p>Note: the pump will automatically try to restart NPWT after 1 hour.</p>	<p>Resolve the air leak according to instructions above. Also replace the batteries and press the orange button to restart the pump.</p>
<p><b>Orange “dressing full” indicator flashes</b></p> 	<p>Dressing is saturated or filter is blocked. NPWT is not being applied.</p> <p>Note: the pump will automatically try to restart NPWT after 1 hour.</p>	<p>Healthcare professional to replace the dressing with a new one and press the orange button to restart the pump.</p>
<p><b>Orange “dressing full” and orange “battery low” indicators flash</b></p> 	<p>Dressing is saturated or filter is blocked and the batteries are low. NPWT is not being applied.</p> <p>Note: the pump will automatically try to restart NPWT after 1 hour.</p>	<p>Healthcare professional to replace the dressing with a new one.</p> <p>Also replace the batteries and press the orange button to restart the pump.</p>
<p><b>All indicators solidly illuminated</b></p> 	<p>A pump error has been detected. The pump can no longer apply NPWT.</p>	<p>Healthcare professional to apply a new pump and dressing.</p>

# Application guide

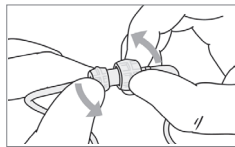


1. Clean and prepare wound according to local protocol.

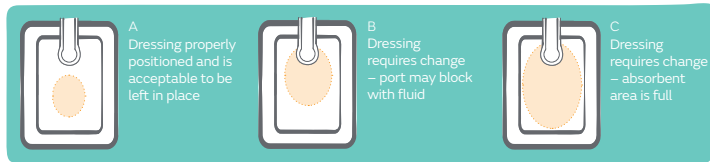
## Dress



2. Peel off the first release handle and place the dressing centrally over the wound. The dressing should be applied with the soft port positioned higher than the wound (depending on the patient's primary position), placed on intact skin and not extending over the wound to prevent fluid pooling around the soft port and blocking the therapy.

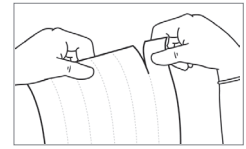
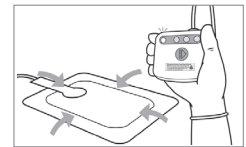


3. Remove the other remaining handle(s) and smooth the dressing around the wound to prevent creasing. Reposition if required to ensure border is not creased.



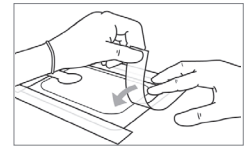
## Press

4. Insert the batteries into the device.
5. Join the pump to the dressing by twisting together the tubing connectors. Extension tubing can be added if required.
6. Press the orange button to start the application of negative pressure. The green “OK” indicator and the orange air leak indicator will flash together while working to establish therapy. The “OK” green light will start to flash after about 100 seconds to indicate therapy is established.

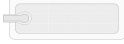

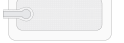
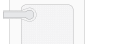


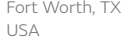



## Go

7. Apply the fixation strips to each of the four sides of the dressing.
8. The device has a 14-day life and the dressing may be left in place for up to 7 days depending on the level of exudate.
9. When a filler is used, the filler and the PICO 14 dressing should be changed 2 to 3 times a week.



# Product ordering codes

		PICO <sup>®</sup> 14 device + 2 dressings
Dressing sizes		Code
	10cm x 20cm	66022042
	10cm x 30cm	66022043
	10cm x 40cm	66022044
	15cm x 15cm	66022045
	15cm x 20cm	66022046
	15cm x 30cm	66022047
	20cm x 20cm	66022048
	25cm x 25cm	66022049

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 Fort Worth, TX 76109 T 727 392-1261 PCPE5-21937-1119  
 USA F 727 392-6914

The PICO 14 pump contains a magnet that can cause other medical devices in close proximity to fail, leading to serious harm including death. The PICO 14 pump must be positioned at least 4 inches (10cm) away from other medical devices that could be affected by magnetic interference.

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. Smith & Nephew. April 2019. Outcomes following PICO compared to conventional dressings when used prophylactically on closed surgical incisions: systematic literature review and meta-analysis. Report reference EO/AWM/PICO/004/v3.
2. Malmjö M, et al. Biological effects of a disposable, canisterless negative pressure wound therapy system. ePlasty. 2014;14:113-127.
3. Payne C, Edwards D. Application of the Single Use Negative Pressure Wound Therapy Device ( PICO ) on a Heterogeneous Group of Surgical and Traumatic Wounds. ePlasty. 2014;15:2-166.
4. Smith & Nephew May 2015. A prospective, open, non-comparative, multi-centre study to evaluate the functionality and dressing performance of a new negative pressure enhanced dressing (NPED) in acute wounds (CT09/02). Internal Report. 5T865 CT09/02.
5. Sharp E. Single use NPWT for the treatment of complex orthopaedic surgical and trauma wounds. Journal of Wound Care. 2013;22(10):55-59.
6. Stryja J, Staiffa R, Řiha D, Stryjova K, Nicelinkova K. Cost-effectiveness of negative pressure wound therapy in outpatient setting. Prolekare. 2015.
7. Hudson DA, et al. Simplified negative pressure wound therapy: clinical evaluation of an ultraportable, no-canister system. Int Wound J. 2015;12(2):195-201.