

Pocket guide

Bring healing home

Your guide to our single-use Negative Pressure Wound Therapy (NPWT) hybrid system for closed surgical incisions, open wounds and pressure injuries

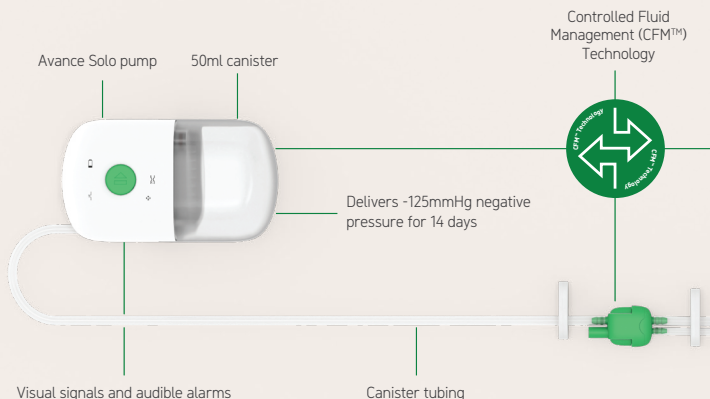


Avance® Solo
Avance® Solo Adapt


Mölnlycke®

Consistent and effective therapy. Without compromise.

Avance® Solo single-use negative pressure wound therapy system for open wounds and closed surgical incisions



- Regular cycling of the pump ensures that negative pressure is maintained while air is circulated to remove excess fluid from the canister.¹⁻³ To deliver continuous regulated negative pressure with CFM Technology, the pump cycles and a pulsing sound occurs. This is completely normal and a confirmation that the system is operating.¹⁻⁶ Make sure your patient is informed of the cycling sound and offered a night case to reduce any sleep disturbance if needed.
- Delivers -125mmHg negative pressure for 14 days without diminishing dressing absorption capacity.¹⁻²

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Visit the Avance Solo website for full product information, testimonials, patient cases, instructional videos and more.



Consistent, regulated negative pressure

Controlled Fluid Management (CFM)TM Technology enables the Avance Solo NPWT system to deliver consistently, regulated negative pressure to the wound site, while transporting exudate from the wound to the dressing and canister.³⁻⁵



Avance Solo border dressings with Safetac® Technology

Safetac
TECHNOLOGY

- Avance Solo pump has visual signals and audible alarms for leakage, blockage and low battery – this helps to ensure that loss of therapy or any system issues are promptly addressed to enable therapy to continue.^{1,7-9}
- Excess fluid is transferred to the 50ml canister, reducing the potential for the dressing to become fully saturated.³
- Avance Solo border dressings have a Safetac® Technology adhesive which has been proven to minimise trauma to the wound site and the surrounding skin upon dressing removal.¹⁰⁻¹³

Avance® Solo application guide

For complete instructions, warnings and precautions see the user manual (healthcare professional IFU) included in the product package.

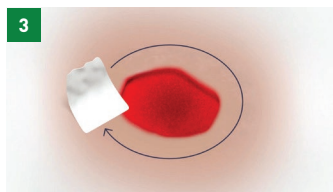


Attach the canister to the pump by aligning the top of the canister with the opening on the pump, push until it clicks on both sides.



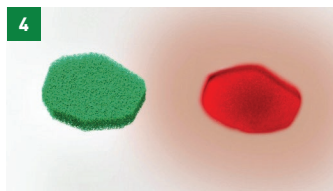
Insert the batteries into the pump battery compartment. Ensure that the positive terminal (marked +) and the negative terminal (marked -) of each battery matches the +/- label in the battery compartment. Close the battery compartment by sliding the lid back in place.

When the batteries are correctly inserted, the pump performs an automatic self-check.



Before applying the dressing, cleanse the wound and surrounding skin and pat dry.

Eliminate or cover any sharp edges and bone fragments with a non-adherent wound contact layer, such as Mepitel® or Mepitel® One due to the risk of puncturing organs or blood vessels while under negative pressure. Document the use of a wound contact layer in the patient's notes.

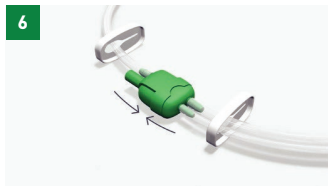


When managing a deeper wound, it may be necessary to use the Avance® Solo Foam as a filler underneath the dressing. The foam should be cut so that it will fit into the cavity without overlapping the skin surrounding the wound. Make sure to cut the foam away from the wound, to ensure no debris falls into the wound cavity.



Remove the centre piece of the backing film from the dressing and apply to the wound. Once applied, remove the remaining two pieces of the backing film. Take care to smooth out any creases or wrinkles.

6



To start therapy, first, connect the two green connectors, they will only fit in one orientation. Ensure that the tubings are not clamped.

7



Next, press and hold the green pump start button. Release after two (2) seconds, so that the pump activates and the green start button flashes. Negative pressure shall be achieved within two (2) minutes after the pump start.

8



You will now hear the pump cycling, and observe the dressing contracting as negative pressure is achieved and maintained. If negative pressure is hard to achieve, adjust or press around the dressing to improve contact with the skin. Take care to avoid wrinkles and gaps in the dressing border.

9



Once negative pressure has been achieved, apply the fixation strips provided with the dressing, to help secure against air leaks. During therapy, pay attention to any audible or visual alarms given by the pump. See the following pages for a list of all alarms/signals and what they mean.

Avance[®] Adapt application guide

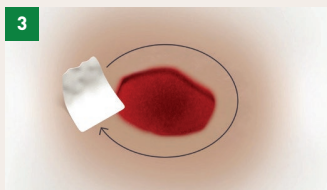
For complete instructions, warnings and precautions see the user manual (healthcare professional IFU) included in the product package.



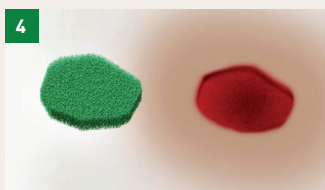
Attach the canister to the pump by aligning the top of the canister with the opening on the pump, push until it clicks on both sides.



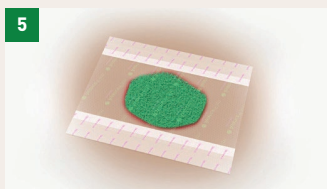
Insert the batteries into the pump battery compartment. Ensure that the positive terminal (+) and the negative terminal (-) of each battery matches the +/- label in the battery compartment. When the batteries are correctly inserted, the pump performs an automatic self-check.



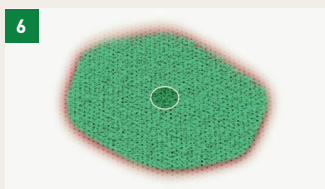
Before applying the film, cleanse the wound and surrounding skin and pat dry.



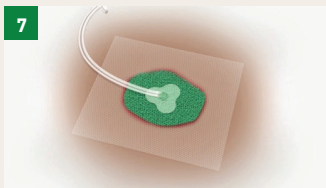
Before applying to the wound, cut the Avance Solo Adapt Foam to the shape of the wound, so that it will fit into the cavity without overlapping the surrounding skin. Make sure to cut the foam away from the wound, to ensure no foam fragments fall into the wound cavity.



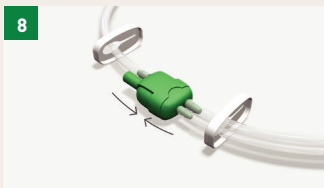
With the foam in place, assess the wound and surrounding anatomy to decide if the Avance Solo Adapt Film needs to be trimmed. Make any adjustments by cutting the film (>4 cm) margin to surrounding skin before removing the backing film and applying it to the wound. Take care to smooth out any creases or wrinkles.



Before attaching the transfer port, cut a hole in the film immediately above the centre of the wound by lifting a small piece of the dressing and cutting immediately below the pinch point. The hole should be no more than 2 cm in diameter.



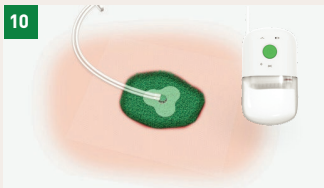
Remove the plastic release liner at the bottom of the transfer port and apply it over the cut hole in the film. Ensure a good seal by smoothing around the edges of the transfer port.



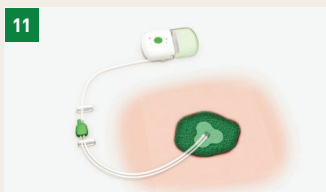
To commence therapy, first, connect the two green connectors. They will only fit in one orientation. Ensure that the tubing is not clamped.



Next, press and hold the green pump start button. Release after two (2) seconds, so that the pump activates and the green start button flashes. Negative pressure shall be achieved within two (2) minutes after the pump starts.



Once negative pressure is applied, the dressing will contract and be firm to the touch. A wrinkled appearance of the dressing indicates that negative pressure has been achieved and maintained.



If negative pressure is not evident, adjust the film or press around the edges to improve contact with the skin. Take care to minimise wrinkles and gaps. Consider using additional Avance Solo Adapt Film or start over and reseal, if necessary.

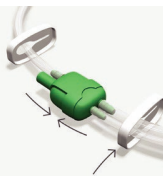
Changing canister

1



It may be necessary to periodically change the canister. To do this, pause the pump by pressing down the green start button, and release after two (2) seconds. The pump will emit two beeps to confirm it is in a pause mode.

2



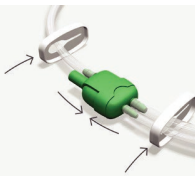
Slide the tubing clamps up close to the green connectors and push both clamps across the tubing, to ensure there is no fluid leakage when disconnecting. Disconnect the canister tubing from the dressing tubing by squeezing the connector from both sides and pull apart.

3



Remove the canister by pushing the spring buttons on both sides and pull. Replace the disconnected canister with a new one, by pushing the canister until it clicks on both sides and is locked in place.

4



To continue therapy reconnect the two green connectors. Release the clamps on the dressing and pump tubing. Restart the pump by pressing down the green start button and release after two (2) seconds.

Note: If you would like to involve your patient in their therapy by changing their own canister, make certain you demonstrate the technique and ensure they have adequate dexterity for this task.

Avance® Solo - normal use

Audible and visual display	Operation	Description	Comment
 	Automatic self-check	1. The pump activates for a short period 2. All light indicators on the pump flash in turn 3. The pump emits audible notifications: medium frequency followed by high frequency	Automatic self-check is performed when the batteries are correctly inserted into the pump and confirms that the pump is ready for use
	Therapy mode	1. At the start-up of the pump, the green start button flashes once every second for 15 minutes 2. During normal operation, the green start button flashes two times every minute	1. To confirm that correct negative pressure is reached 2. To confirm that the pump is operating correctly, and that therapy is maintained
 	Pause mode	1. The pump emits two short audible notifications 2. The audible notifications are repeated every 15 minutes as long as the therapy is paused	To confirm that the pump and the therapy have been paused. After 60 minutes the pump automatically restarts therapy
 	End of therapy	1. All light indicators flash with high intensity 2. The pump emits three audible notifications: one high, one medium followed by one low frequency tone	The therapy time of 14 days is complete
 	Invalid button press	The pump emits a short audible notification	In case of an invalid button press

Alarms and troubleshooting

Audible and visual display	Possible cause	Description	Comments Troubleshooting
 	Leakage alarm Negative pressure is not being established due to an air leak in the system	- The indication light for leakage flashes once per second - If negative pressure is not maintained - The light indicator for air leakage stays active, flashing once every second - The pump repeatedly emits an audible alarm - The pump pauses the therapy	To correct the leak, perform one or more of the following actions: - Press around the dressing border to improve its contact with the skin or, if required, add additional fixation strips around the dressing borders - Ensure the canister is securely attached to the pump - Ensure the tubing is securely attached to the canister - Ensure the dressing tubing is securely connected to the canister tubing
 	Blockage alarm Negative pressure is not being established due to blockage	- The indication light for blockage flashes once every second - If the blockage condition persists - The light indicator for blockage stays active, flashing once every second - The pump repeatedly emits an audible alarm - The pump pauses the therapy	To correct the blockage, perform one or more of the following actions: - Ensure that the tubing is not clamped - Ensure that the tubing is not kinked - If the canister is full, change it according to the instructions for canister change
 	Low battery alarm	- The indication light for battery flashes once every five seconds, when up to 24 hours of battery time remain - When less than 4 hours of battery time remain - The light indicator for battery stays active, flashing once every second - The pump repeatedly emits an audible alarm	To correct the low battery alarm: - Change the batteries according to the instructions for battery change - Only use the type and model of lithium batteries specified for this product by Mölnlycke Health Care, see section 8 in the healthcare professional IFU, included in the product package
	Internal failure alarm	- The indication lights for leakage, battery and blockage flash simultaneously once every second - The pump repeatedly emits an audible alarm	The pump has an internal fault and cannot be started. HCPs should contact us, Mölnlycke



**Consistent and effective therapy.
Without compromise.**



Learn more about our single-use
NPWT systems Avance® Solo and
Avance® Solo Adapt by scanning
the QR codes



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Revolutionise care for people and planet

Mölnlycke Health Care has been at the forefront of change since 1849, pioneering innovations that improves the quality of life for patients and those who care for them, while reducing the environmental impact of healthcare.

**We revolutionise care.
For people and for the planet.**

References: 1. Avance Solo CMM Data on file. Document ID: PD-540487 Rev:05 (ref 15). 2. Avance Solo CMM Data on file. Document ID: PD-540487 Rev:05. (ref 17). 3. Avance Solo CMM Data on file. Document ID: PD-540487 Rev:05 (ref 10). 4. Avance Solo CMM Data on file. Document ID: PD-540487 Rev:05 (ref 18). 5. Avance Solo. CMM Data on file. Document ID: PD-540487 Rev:05 (ref 23). 6. Avance Solo CMM Data on file. Document ID: PD-540487 Rev:05 (ref 24). 7. Avance Solo CMM Data on file. Document ID: PD-540487 Rev:05 (ref 13). 8. Avance Solo CMM Data on file. Document ID: PD-540487 Rev:05 (ref 14). 9. Avance Solo CMM Data on file. Document ID: PD-540487 Rev:05 (ref 16). 10. Van Overschelde P, et al. A randomised controlled trial comparing two wound dressings used after elective hip and knee arthroplasty. Poster presentation at the 5th Congress of WUWHS, Florence, Italy, 25-29 Sep, 2016. 11. Silverstein P, et al. An open, parallel, randomized, comparative, multicenter study to evaluate the costeffectiveness, performance, tolerance, and safety of a silver-containing soft silicone foam dressing (intervention) vs silver sulfadiazine cream. J Burn Care Res. 2011;32(6): 617-626. 12. Gee Kee EL, et al. Randomized controlled trial of three burns dressings for partial thickness burns in children. Burns. 2015;41(5):946-955. 13. David F, et al. A randomised, controlled, non-inferiority trial comparing the performance of a soft silicone-coated wound contact layer (Mepitel One) with a lipidocolloid wound contact layer (UrgoTul) in the treatment of acute wounds. International Wound Journal, 2017.

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