



Medela  
Innovates  
the NPWT  
Standard  
of Care

# Delivering the fundamentals is critical to successful Negative Pressure Wound Therapy (NPWT)<sup>1,2</sup>

## FUNDAMENTAL



The **set level of negative pressure** must be accurately delivered to the wound bed.

## FUNDAMENTAL



A **pressure gradient** between the wound bed and the canister must be created.

## FUNDAMENTAL



A **sealed wound environment** must be maintained.

## CHALLENGES IF FUNDAMENTALS ARE NOT MET:

May delay healing through decreased wound bed perfusion, contraction, and granulation tissue formation.

May lead to fluid stagnation and removal of potentially infectious material.

May compromise moist wound healing and accurate pressure delivery.

**Not all NPWT systems meet the standard of care.**

## The Standard of Care

### International Consensus Review for NPWT Systems

NPWT systems containing an electronically controlled feedback loop ensure maintenance of set pressure, guarantee the effectiveness of therapy and provide higher patient safety<sup>3</sup>.

Medela has revolutionized the NPWT standard of care through **Intelligent Pressure Control™** and **Dynamic Exudate Removal™** technology.



# The Invia® NPWT Systems with **Intelligent Pressure Control** technology:

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contain an electronically controlled feedback mechanism

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ensure reliable and accurate pressure delivery at the wound bed regardless of the device's relative height to the patient (as illustrated to the right)

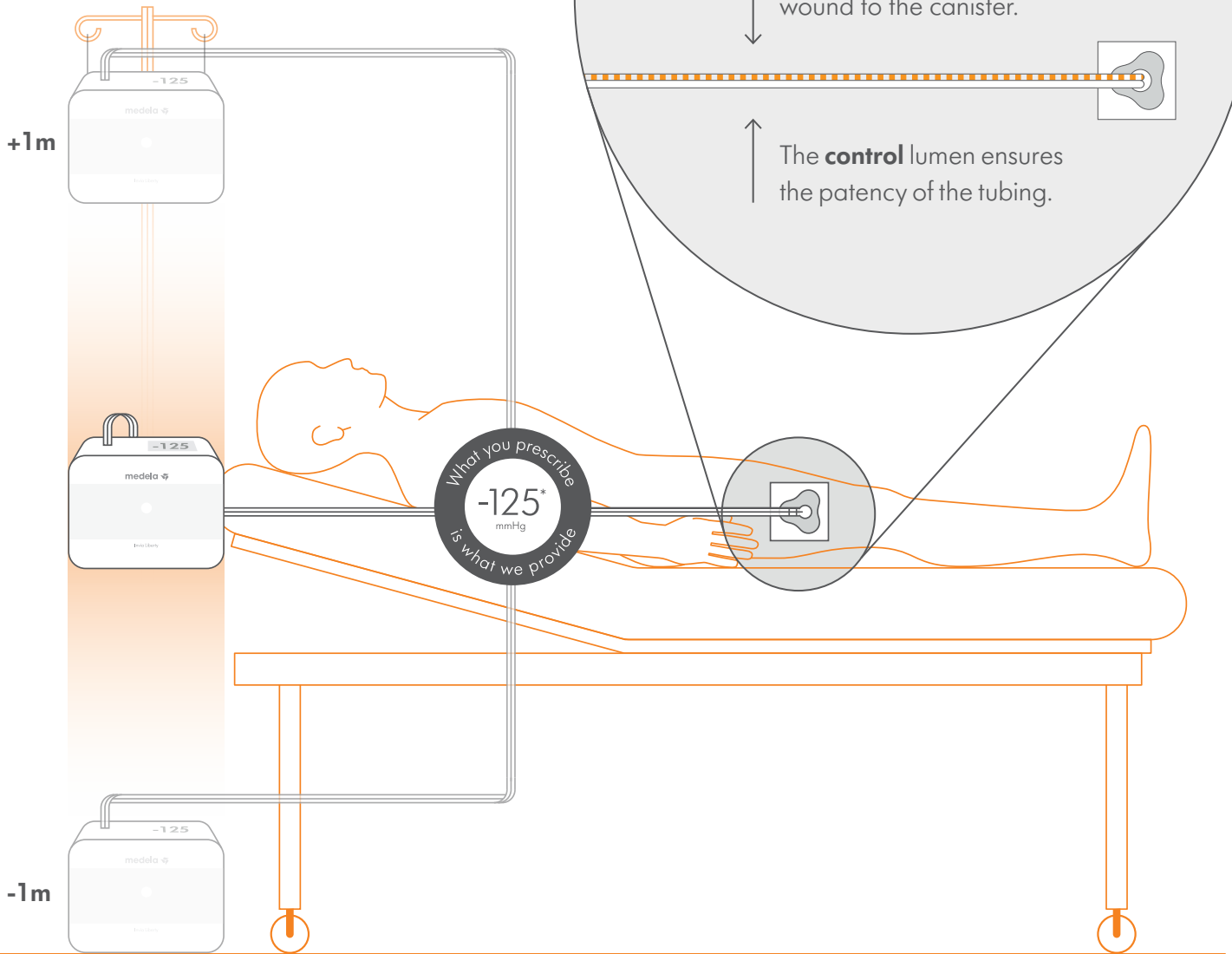
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## Double Lumen Tubing

The **removal** lumen simultaneously provides a pressure gradient to transport fluid from the wound to the canister.

The **control** lumen ensures the patency of the tubing.



# The Invia® NPWT Systems with **Dynamic Exudate Removal** technology:

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identify changes in fluid volume and viscosity

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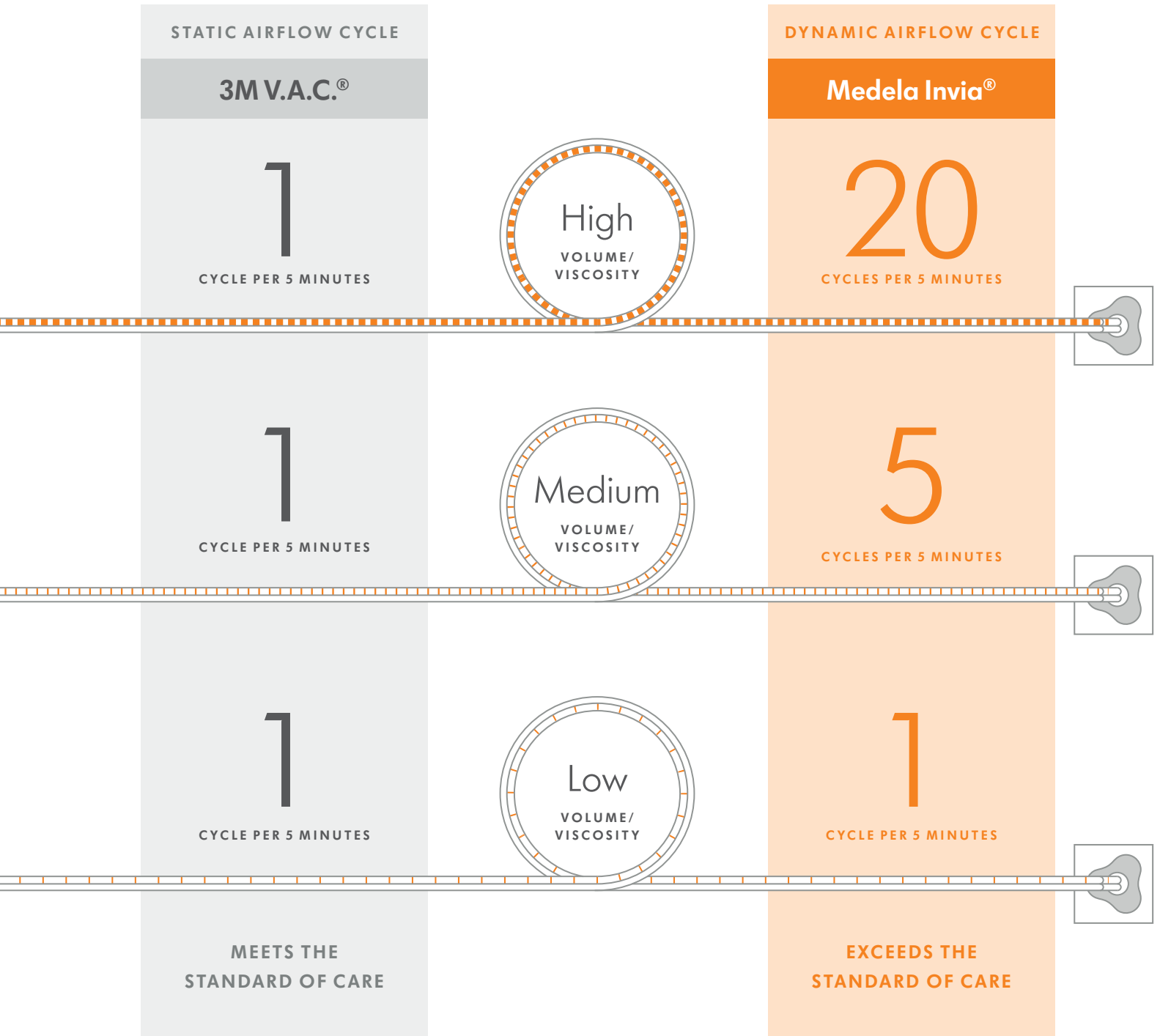
actively prevent blockages by dynamically adjusting the amount of airflow cycles (up to 20 cycles per 5 minutes)

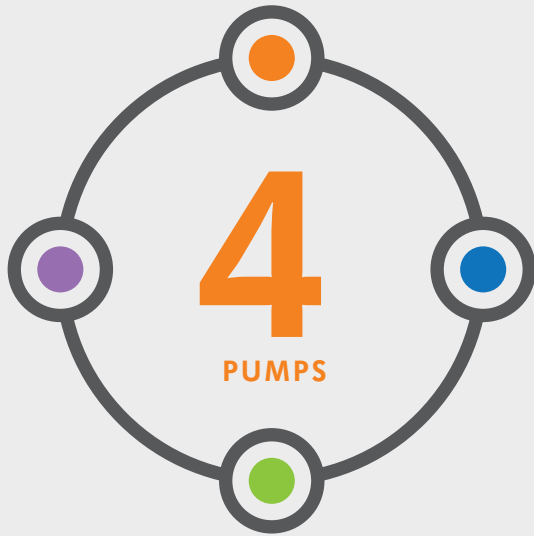
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## Dynamic vs Static Airflow Cycles

Airflow cycles: preset purges to check for blockages and create the pressure gradient necessary for fluid removal





## The Competition\*

Medela Invia<sup>®</sup> Liberty<sup>™</sup>

3M<sup>™</sup> V.A.C.<sup>®</sup> Ultra

S+N Renasys<sup>™</sup> Touch

Cardinal Health<sup>™</sup> Catalyst<sup>™</sup>

## The Challenge

Efficient exudate removal and accurate pressure delivery

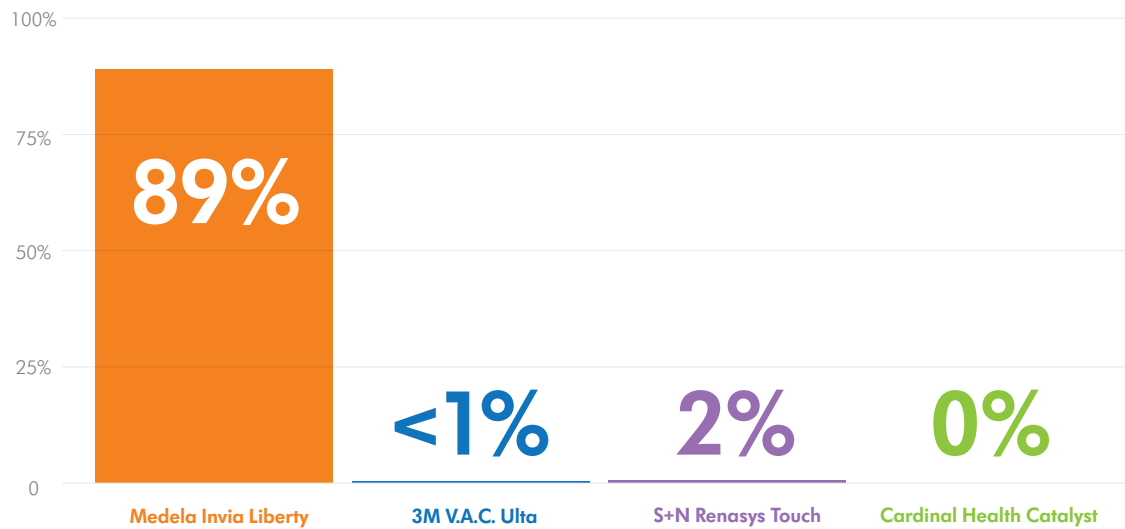
## The Results

Only the Invia System dynamically adjusts to quickly remove fluid and re-establish set pressure

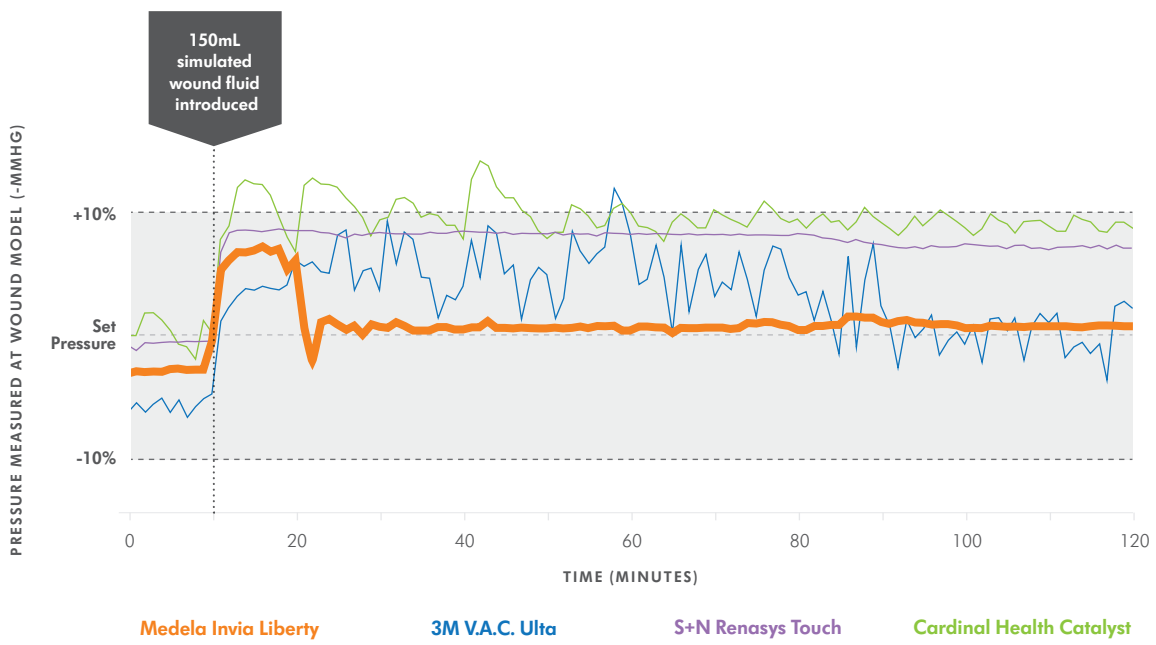
\*Testing was conducted at an independent third party laboratory using a test protocol designed by Medela AG. Outcomes may not be indicative of clinical performance.



Only the Invia System:  
**Removed 89% of fluid in <20 minutes**<sup>4,5,6</sup>






Only the Invia System:  
**Re-established set pressure in <20 minutes**<sup>4,5,6</sup>



The Invia System innovates the standard of care by providing more accurate pressure delivery and superior fluid handling.<sup>4,5,6</sup>



# Only the Invia System delivers the fundamentals to maximize healing<sup>4,5,6</sup>

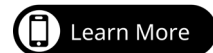
	<p>FUNDAMENTAL</p>  <p>Accurate delivery of pressure to wound bed</p>	<p>FUNDAMENTAL</p>  <p>Efficient fluid removal</p>	<p>FUNDAMENTAL</p>  <p>Sealed wound environment</p>
<p>Medela Invia Liberty</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<p>3M V.A.C. Ultra</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>S+N Renasys Touch</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Cardinal Health Catalyst</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

No two wounds are alike —  
your NPWT system shouldn't  
treat them that way.



**Learn more**

**Call 877-735-1626 or visit  
[medelahealthcare.us](https://medelahealthcare.us)**



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**References:**

1. Harding K, Carville K, Chadwick P, et al; Core Expert Working Group. WUWHS Consensus Document: wound exudate, effective assessment and management. Wounds Int.2019  
<https://www.woundsinternational.com/resources/details/wuwhs-consensusdocument-wound-exudate-effective-assessment-and-management>.
2. <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpcd/classification.cfm?id=6017>
3. Apelqvist J, Willy C, Fagerdahl AM, et al. EWMA document: negative pressure wound therapy overview, challenges and perspectives. J Wound Care. 2017;26(Suppl 3):S1-S113.
4. Paglinawan R, Schwab P, Bechert K. Negative pressure wound therapy system Innovates standard of care via intelligent pressure control and dynamic exudate removal. Wounds. 2020;32(10):S1-S8.
5. Paglinawan R, Schwab P, Bechert K. Novel NPWT system with innovative technology provides more accurate pressure delivery and superior fluid handling. Wounds. 2021;33(11):S3-S10.
6. Based on testing conducted at an independent third party laboratory. Data on file.

Content appearance may vary.