

# Powerfully simple NPWT

Easy-to-use, clinically effective negative pressure wound therapy (NPWT) for acute care.

## Smith+Nephew

### RENASYS<sup>◇</sup> TOUCH

Negative Pressure Wound  
Therapy System



# Simplified delivery of advanced therapy

## For patients:

Comfort and mobility

- 1 Small, lightweight and portable** to support patients in maintaining their lifestyle while receiving therapy<sup>10,14,15</sup>
- 2 Adjustable compression rate** helps maximize patient experience based upon wound conditions and pain tolerance<sup>12</sup>
- 3 Soft port technology** Soft, cushioned channel for patient comfort – even on the most difficult-to-dress body areas and may help reduce the need for bridging<sup>16</sup>



## For clinicians:

Intuitive, user-friendly touch screen



### Easy to select therapy

in **99% of applications** clinicians found selecting therapy very easy<sup>12</sup>



### Easy to set up

**97% of clinicians** found the RENASYS<sup>◇</sup> TOUCH System very easy to set up<sup>10</sup>



### Visual leakage gauge

For easy location and resolution of air leaks, supporting responsive clinical intervention



### Onscreen guidance and troubleshooting

Easy-to-use on-screen guidance,<sup>8</sup> supporting device operation and troubleshooting<sup>12</sup>

## For administration professionals:

Cost-effective solutions



### Tailored business models

We work closely with you to design our business models around your needs, enabling versatility in managing budgets



### Reduce complexity

Our one-system platform (with RENASYS GO NPWT at discharge, distributed through Rotech<sup>®</sup> Healthcare, Inc.) and versatile set of consumables means less SKUs to manage, facilitating efficient inventory management and stock replenishment

# Cut through the complexity with RENASYS<sup>◇</sup> TOUCH tNPWT

## Clinically effective

For complex wounds, RENASYS tNPWT has demonstrated:

- Optimized clinical outcomes<sup>12</sup>
- Comparable performance and efficacy as V.A.C.<sup>™11</sup>

## Powerfully simple

One intuitive system for all care units:

- RENASYS TOUCH System for acute settings
- RENASYS GO System for post-acute settings (distributed through Rotech<sup>®</sup> Healthcare, Inc.)

## Highly versatile

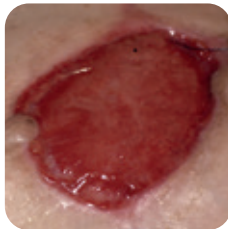
Appropriate for a wide range of wound types:



Chronic



Acute



Traumatic



Subacute and dehisced



Ulcers  
(such as pressure  
or diabetic)



Partial-thickness  
burns

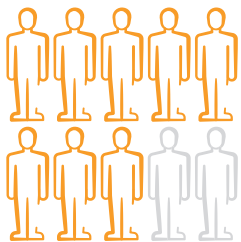


Flaps and grafts



# Complex wounds live up to their name

Complex wounds are characterized by factors that impede healing, such as excess exudate and infection – and their human and economic burden is great.



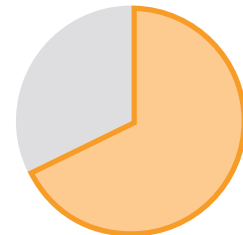
**6.5 million**

Patients in the US affected by chronic wounds<sup>1</sup>



**\$25+ billion**

Annual cost to the healthcare system on wound-related complications<sup>1</sup>



**68% of patients**

Chronic leg ulcers had a negative impact on patient's lives, including loneliness and isolation<sup>2</sup>

Advanced therapies like NPWT can make a big difference.

**NPWT has been shown to:**<sup>3-6</sup>

- Promote granulation tissue formation
- Protect from the outside environment
- Promote moisture balance within the wound bed

**But delivering that therapy has its own challenges.**



- **Demand for NPWT is growing.**  
Chronic wound prevalence **grew 9.9%** between 2016 and 2018 in the US<sup>7</sup>



- **Hospital budgets aren't keeping pace.**  
Financial challenges were the top concern in a 2018 survey of hospital CEOs<sup>8</sup>



- **NPWT devices can be complicated to use.**  
Nurses have to learn difficult and highly specialized skills, but it is a challenge to do this in a practical, fast and cost-effective way<sup>9</sup>

# Demonstrated effective on complex wounds

An RCT<sup>10</sup> demonstrated that RENASYS<sup>◇</sup> TOUCH tNPWT:\*

Significantly decreased wound area (p<0.001)

**55%**  
decrease

Significantly decreased wound volume (p<0.001)

**80%**  
decrease

Significantly improved the amount of healthy viable tissue (p<0.001)

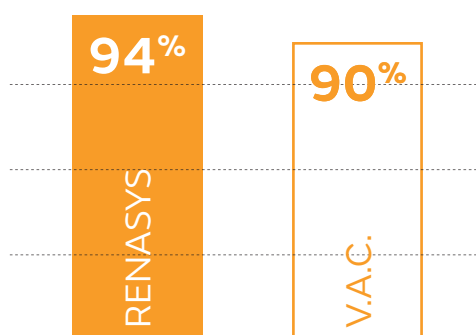
**20%**  
improvement

\*versus baseline. RCT<sup>10</sup>; n=71; Chronic wounds = 24, Subacute = 37 and Acute = 10; 4-week study period

## How does RENASYS Negative Pressure Wound Therapy System compare to V.A.C.<sup>TM</sup>?

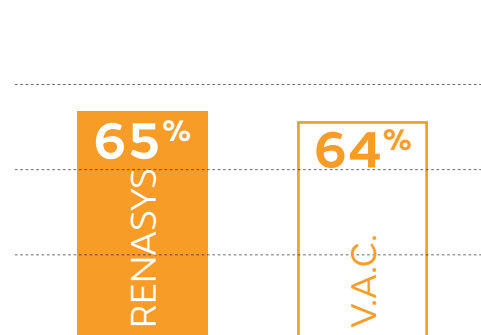
A large retrospective study on NPWT (n=1107) comparing V.A.C. to RENASYS tNPWT found:

**No significant difference in patients reaching their predetermined treatment goal<sup>11</sup>**



**94% of patients** treated with RENASYS tNPWT achieved their treatment goal versus 90% of patients treated with V.A.C.<sup>11</sup>

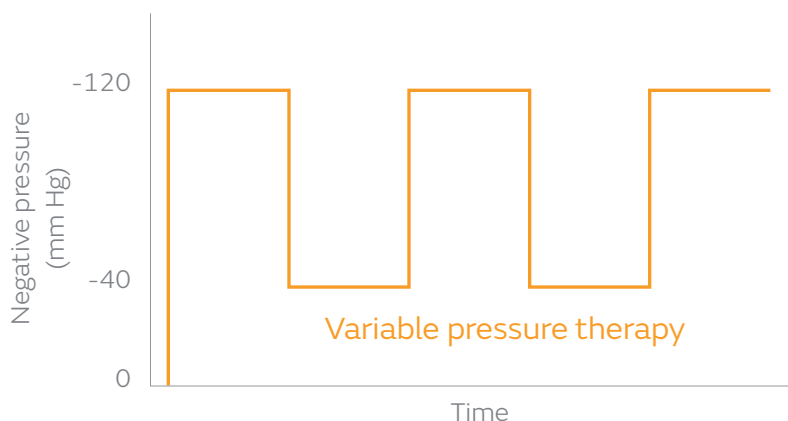
**Comparable and equally effective in treating complex wounds<sup>11</sup>**



Treatment with RENASYS tNPWT led to mean **65% reduction** in wound area versus 64% reduction with V.A.C.<sup>11</sup>

## RENASYS tNPWT provides individualized therapy

Variable intermittent mode offers a large range of pressure and time cycle settings to help stimulate granulation and manage pain.<sup>10,12,13</sup>



# Simple just got simpler

Smith+Nephew offers a simple, comprehensive NPWT portfolio suitable for all clinical needs for incisional, acute and chronic wound care, allowing healthcare facilities to more effectively manage medical resources and reduce waste while supporting positive clinical outcomes.<sup>10-12, 17</sup>

## Our OneNPWT portfolio includes:

- **RENASYS<sup>®</sup> Negative Pressure Wound Therapy System** for chronic and acute wounds with a high exudate level
- **PICO<sup>®</sup> Single Use Negative Pressure Wound Therapy System** for acute and chronic wounds with low to medium exudate levels as well as closed surgical incisions



**Contact your Smith+Nephew representative** to find out more about how **RENASYS tNPWT** can give your acute care setting a powerfully simple way to deliver advanced negative pressure wound therapy.

The information herein is intended for healthcare professionals. RENASYS is contraindicated in the presence of untreated osteomyelitis, exposed arteries/veins/organs/nerves, necrotic tissue with eschar present, malignancy in the wound, non-enteric and unexplored fistulas, and exposed anastomotic sites. Excessive bleeding is a serious risk associated with the application of suction to wounds, which may result in death or serious injury. For full product and safety information, please see the Instructions for Use.

**References:** 1. Järbrink K, Ni G, Sönnergren H, et al. Prevalence and incidence of chronic wounds and related complications: a protocol for a systematic review. *Syst Rev.* 2016;5:152. 2. Phillips T, Stanton B, Provan A, Lew R. A study of the impact of leg ulcers on quality of life: financial, social, and psychologic implications. *J Am Acad Dermatol.* 1994;31(1):49–53. 3. Dunn R, Hurd T, Chadwick P, et al. Factors associated with positive outcomes in 131 patients treated with gauze-based negative pressure wound therapy. *Int J Surg.* 2011;9(3):258–262. 4. Young SR, Hampton S, Martin R. Non-invasive assessment of negative pressure wound therapy using high frequency diagnostic ultrasound: oedema reduction and new tissue accumulation. *Int Wound J.* 2013;10(4):383–388. 5. Kamolz LP, Andel H, Haslik W, et al. Use of subatmospheric pressure therapy to prevent burn wound progression in human: first experiences. *Burns.* 2004;30(3):253–258. 6. Birke-Sorensen H, Malmso M, Rome P, et al. Evidence-based recommendations for negative pressure wound therapy: treatment variables (pressure levels, wound filler and contact layer)--steps towards an international consensus. *J Plast Reconstr Aesthet Surg.* 2011;64 Suppl:S1–16. 7. Negative Pressure Wound Therapy Market Research Report - Global Industry Analysis and Growth Forecast to 2024. Research and Markets. May 2019. 8. Bannow, Tara. Ballooning costs, government mandates were hospitals' biggest challenges in 2018. *Modern Healthcare.* January 17, 2019. 9. Cray, A. Negative pressure wound therapy and nurse education. *Br J Nurs.* 2017 Aug 10;26(15):S6–S18. doi: 10.12968/bjon.2017.26.15.S6. 10. Forlee M, van Zyl L, Louw V, Nel J, Fourie N, Hartley R. A randomised controlled trial to compare the clinical efficacy and acceptability of adjustable intermittent and continuous Negative Pressure Wound Therapy (NPWT) in a new portable NPWT system. Paper presented at: EWMA; 2018; Krakow, Poland. 11. Hurd T, Rossington A, Trueman P, Smith J. A Retrospective Comparison of the Performance of Two Negative Pressure Wound Therapy Systems in the Management of Wounds of Mixed Etiology. *Advances in Wound Care.* 2017;6(1):33–37. 12. Forlee M, Richardson J, Rossington A, Cockwill J, Smith J. An interim analysis of device functionality and usability of RENASYS<sup>™</sup> TOUCH – a new portable Negative Pressure Wound Therapy (NPWT) system. Paper presented at: Wounds UK; 2016; Harrogate, UK. 13. Smith & Nephew 2016. Smith and Nephew's RENASYS<sup>™</sup> Touch Device Features – Adjustable Settings. Internal Report. DS.16.138.R. 11. 14. Smith and Nephew 2016. Smith & Nephew's RENASYS<sup>™</sup> Touch Device Features of Mobility and Modesty. DS.16/140/R. 14. Smith & Nephew 2016. 15. Smith and Nephew's RENASYS<sup>™</sup> Touch Device – User Experience. DS.16/141/R. 16. Smith & Nephew 2012. A prospective, open, non-comparative, multi-centre study to evaluate the functionality and device performance of a new Negative Pressure Wound Therapy (NPWT) suction port (RENASYS<sup>®</sup> \_Soft Port) in the management of acute, sub-acute and chronic wounds CSR/CT/US/11/01. 17. Smith & Nephew January 2018. Outcomes following PICO compared to conventional dressings when used prophylactically on closed surgical incisions: systematic literature review and meta-analysis. Internal Report. EO/AWM/PICO/004/v1.

## Advanced Wound Management

Smith & Nephew, Inc.  
Fort Worth, TX 76109  
USA

[www.smith-nephew.com](http://www.smith-nephew.com)

## Customer Care Center

1 800 441-8227  
T 817 900-4000  
F 817 900-4100

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RNBE1-22288-1219