Pensar Medical™ *Negative Pressure. Positive Results.*

Safe and Effective Negative Pressure Therapy With Minimal Intrusion

MicroDoc®

Healing in Your Pocket

Single-Use Negative Pressure Wound Treatment System

In wound care, negative pressure therapy is highly effective but often inconvenient for mobile patients due to the limitations of existing devices. The MicroDoc® addresses these challenges, offering a gentle, pain-free solution.

+ Single-use and disposable
+ Lightweight and portable
+ Simple one-button operation
+ Made for active patients
+ Whisper-Quiet
+ Extended Battery Life
+ AI Adaptive Technology

Easy-to-Use Control Panel With Three Different Pressure Settings (-50, -80, -125 mmHg)

The MicroDoc® control panel is user-friendly and precise, with one-button operation and three pressure settings for personalized wound therapy. Its exceptional precision minimizes pressure deviations, making therapy more accurate and effective.

MicroDoc's Self-Adapting Treatment Wound Dressing

The MicroDoc® uses ComforTech Smart Wound Dressings, the first and only self-regulating super-absorbent fiber wound dressing in the industry.

+ **High Absorption and Exudate Capacity:** Capacity for more than 100 cc of wound exudate during NPWT without a collection canister.
+ **Non-Cytotoxic:** Safeguarding patient well-being with materials that are gentle on the body.
+ **Hypo-allergenic:** Designed to minimize allergic reactions, promoting patient comfort.
+ **Prevents Skin Maceration:** Maintaining skin health around the wound site.
+ **Pain and Odor Reduction:** Enhancing patient comfort throughout the healing process.

Cost Savings and Reduced Infection Risk

Using single-use negative pressure wound therapy (SNPWT) for closed incisions can significantly lower rates of surgical site infections while also reducing costs compared to traditional NPWT (tNPWT).

3.3+ Billion
Annual cost of surgical site infections in the United States[1]

>76%
Reduction in post-arthroplasty complications[3]

50%+
Reduction in instances of surgical site infections with closed incision negative pressure therapy (ciNPT) for post-mastectomy breast reconstructions[2]

Reduced scarring and improved skin viscoelasticity
With sNPWT, statistically significant reduction in scarring (VAS and POSAS) post breast reduction surgeries in randomly controlled trial. Skin viscoelasticity also improved for patients with sNPWT vs. control.[4]

Versatile Applications of MicroDoc® System

The MicroDoc® is a versatile solution with a wide range of applications across various healthcare scenarios, making it a valuable tool for healthcare professionals.

Acute Wound Healing
Benefits surgical incisions, traumatic injuries, and postoperative sites.

Post-surgery
Surgical patients recover faster with reduced scarring.

Complex Wounds
Reduces scar visibility, enhancing cosmetic results.

Traumatic Wounds
Aids in the healing of traumatic wounds, resulting in improved cosmetic outcomes.

Chronic Wounds
Patients with chronic conditions, like diabetic ulcers and pressure sores, experience improved wound closure.

Cosmetic Benefits
Aids in the healing of traumatic wounds, resulting in improved cosmetic outcomes.

About Pensar Medical

Pensar Medical is a leader in healthcare innovation, specializing in cutting-edge wound care solutions. Our groundbreaking WoundPro™ and MicroDoc® systems enhance healthcare professionals' daily routines.

★ Same day order fulfillment ★
★ 12-month warranty included★
★ Live support clinical helpline ★

[1] Zimlichman E, Henderson D, Tamir O, Franz C, Song P, Yamin CK, Keohane C, Denham CR, Bates DW. Health care-associated infections: a meta-analysis of costs and financial impact on the US health care system. JAMA Intern Med. 2013 Dec 9-23;173(22):2039-46. doi: 10.1001/jamainternmed.2013.9763. PMID: 23999949.
[2] Gabriel A, Sigalove S, Sigalove N, Storm-Dickerson T, Rice J, Maxwell P, Griffin L. The Impact of Closed Incision Negative Pressure Therapy on Postoperative Breast Reconstruction Outcomes. Plast Reconstr Surg Glob Open. 2018 Aug 7;6(8):e1880. doi: 10.1097/GOX.0000000000001880. PMID: 30324063; PMCID: PMC6181498.
[3] Karlakki SL, Hamad AK, Whittall C, Graham NM, Banerjee RD, Kuiper JH. Incisional negative pressure wound therapy dressings (iNPWTd) in routine primary hip and knee arthroplasties: A randomised controlled trial. Bone Joint Res. 2016 Aug;5(8):328-37. doi: 10.1302/2046-3758.58.BJR-2016-0022.R1. PMID: 27496913; PMCID: PMC5013893.
[4] Tanaydin V, Beugels J, Andriessen A, Sawor JH, van der Hulst RRWJ. Randomized Controlled Study Comparing Disposable Negative-Pressure Wound Therapy with Standard Care in Bilateral Breast Reduction Mammoplasty Evaluating Surgical Site Complications and Scar Quality. Aesthetic Plast Surg. 2018 Aug;42(4):927-935. doi: 10.1007/s00266-018-1095-0. Epub 2018 Feb 13. Erratum in: Aesthetic Plast Surg. 2018 Aug;42(4):1176. doi: 10.1007/s00266-018-1123-0. PMID: 29442143; PMCID: PMC6097780.

Get In Touch

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