Pensar Medical™

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

MicroDoc® for Plastic Surgery

Optimize Healing. Minimize Scars.

Pensar Medical is a leader in healthcare innovation, specializing in advanced wound care solutions. Our groundbreaking **MicroDoc system** is designed specifically to enhance post-surgical healing in plastic and reconstructive procedures – **helping minimize scarring, reduce complications, and support optimal aesthetic outcomes** for surgeries such as abdominoplasty, breast reconstruction, mastectomy, body contouring, and facial procedures.

MicroDoc: Advanced Wound Therapy for Superior Cosmetic Results

✓ Minimizes Scarring at the Source
May help promote orderly tissue regeneration and maintain skin edge approximation – reducing the likelihood of hypertrophic or widened scars.

✓ Improves Aesthetic Outcomes
By optimizing the healing environment, MicroDoc may support better cosmetic closure, protecting your surgical work and preserving patient confidence.

✓ Reduces Post-Op Complications
May help reduce the risk of seromas, hematomas, and surgical site infections – complications that can delay healing and worsen scar formation.

✓ Lightweight & Portable
Ideal for plastics and post-surgical recovery, enables active patients to return home faster with continuous therapy.

✓ Whisper-Quiet Technology
Ensures comfort during recovery in both hospital and home settings.

✓ AI-Powered Adaptive Technology
Our intelligent software enables the system to effectively manage and resolve small dressing leaks.

A Single-Use, Negative Pressure Solution Engineered for Aesthetics

MicroDoc features **ComforTech Smart Wound Dressings**, self-regulating, super-absorbent fiber wound dressings – purpose-built to meet the high standards of plastic and reconstructive surgery:

- **High Absorbency, No Canister Needed:** Manages >100 cc of wound exudate – no bulky collection system, just a sleek, patient-friendly design. Note: Wounds should be shallow and have low drainage.
- **Non-Cytotoxic & Hypoallergenic Materials:** Safe for post-operative wounds and sensitive skin.
- **Prevention of Skin Maceration:** Maintains optimal moisture balance around surgical sites.
- **Pain and Odor Reduction:** Enhances patient comfort throughout the healing process.

Trusted by Plastic Surgeons Nationwide

Single-Use, Disposable System
Simplifies wound care, eliminates cross-contamination risk, and supports outpatient recovery.

User-Friendly Control Panel
Simple, one-button operation with three pressure settings (-50, -80, -125 mmHg) for customized therapy.

Extended Battery Life
Reliable power for use during both inpatient recovery and at-home healing.

Proven Clinical Benefits in Plastic Surgery

78% Reduction
in surgical site infections with prophylactic NPWT in oncoplastic and reconstructive breast surgery compared to national benchmarks.[1]

18% Reduction
in return-to-theater rates for complications with NPWT, meeting national quality criteria.[1]

58% Reduction
in implant loss using NPWT versus standard care in breast reconstruction patients.[1]

$395+ Cost Savings
per patient when using prophylactic NPWT post-breast surgery, totaling over $105,000 across the study group.[1]

[1] Hawkes E, Nayyar R, Harland A, Akhavani MA. Prophylactic Use of Negative Pressure Wound Therapy in High-risk Patients Undergoing Oncoplastic and Reconstructive Breast Surgery. Plast Reconstr Surg Glob Open. 2023;11(12):e5421. doi:10.1097/GOX.0000000000005421

Get In Touch

Want to offer your patients cleaner, faster, and more aesthetically refined healing?

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Pensar Medical™ *Negative Pressure. Positive Results.*