Pensar Medical™

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

MicroDoc® for Orthopedic Surgery

Elevating Post-Surgical Healing in Orthopedics

Pensar Medical is a leader in healthcare innovation, specializing in cutting-edge wound care solutions. Our sNPWT MicroDoc system is designed to enhance post-surgical healing for orthopedic patients, providing superior outcomes for procedures such as total hip arthroplasties, total knee arthroplasties, spinal surgeries, and fracture repairs.

A Single-Use, Negative Pressure Solution to Optimize Healing for Orthopedic Patients

✓ Reduces Post-Surgical Risks
May reduce the risk of surgical site infections, seromas, and hematomas following orthopedic procedures.

✓ Supports Faster Recovery
May accelerate wound healing and enhance tissue perfusion after surgeries such as total hip and knee replacements.

✓ Reduces Scar Tissue Formation
Can help maintain skin integrity and minimizes hypertrophic scarring, improving cosmetic and functional results.

✓ Lightweight & Portable
Ideal for active patients recovering from orthopedic surgery, allowing greater mobility without disrupting treatment.

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

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

ComforTech Smart Wound Dressings, Designed for Orthopedic Application

MicroDoc utilizes **ComforTech Smart Wound Dressings**, the first self-regulating super-absorbent fiber wound dressing in the industry. Designed for orthopedic applications, it provides:

- **High Absorption Capacity:** Can manage more than 100 cc of wound exudate without requiring a collection canister.
- **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 recovery process.

Designed for Orthopedic Surgeons & Healthcare Providers

Single-Use, Disposable System
Reduces cross-contamination risks and streamlines post-operative care.

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 continuous therapy during hospital stays and home recovery.

Proven Clinical Benefits in Orthopedic Recovery

>76%
Reduction in post-arthroplasty complications[1]

3.3+ Billion
annual cost of SSIs in the U.S.[1]. MicroDoc® helps lower costs with effective infection prevention.

50%+ Reduction
in surgical site infections (SSIs) with closed incision negative pressure therapy (ciNPT)[2]

Get In Touch

Ready to elevate your orthopedic care with MicroDoc?
www.pensarmedical.com | hello@pensarmedical.com

[1] Karlakki SL et al. Bone Joint Res. 2016
[2] Gabriel A et al. Plast Reconstr Surg Glob Open. 2018
[3] Zimlichman E et al. JAMA Intern Med. 2013

Pensar™ Medical *Negative Pressure. Positive Results.™*