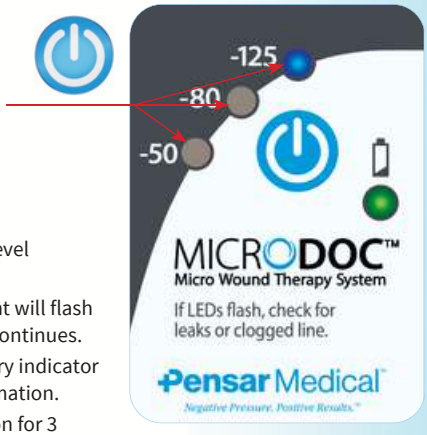
MICRODOC™
Micro Wound Therapy System

Pensar Medical™
Negative Pressure. Positive Results.™

Quick Reference Card

This quick reference card provides general guidelines for the use of the MicroDoc NPWT System.
For more instructions, please consult the MicroDoc User's Manual.

To Operate and Program the MicroDoc

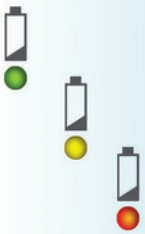


- ▶ Before attaching the unit to the dressing tube, turn the unit on by pressing the POWER button until the -50mmHg pressure setting LED turns ON.
- ▶ While the -50mmHg setting LED is ON, pressing the POWER button repeatedly will toggle between the three pressure settings.
- ▶ After you have programmed the unit to the desired pressure, attach the unit to the dressing tubing.
- ▶ As the system tries to achieve the desired pressure level the blue light will remain on.
- ▶ Once the chosen pressure setting is reached, the light will flash intermittently as negative pressure wound therapy continues.
- ▶ To preserve the battery, after a short time, the battery indicator light will extinguish after providing battery life information.
- ▶ To turn the unit off, press and hold the POWER button for 3 seconds, until all lights on the unit extinguish.

To Change Pressure Settings

- ▶ As a built-in safety feature, once a desired pressure is chosen and achieved, it cannot be changed without turning the system off and starting the programming sequence over again.
- ▶ This "lock-out" feature helps to prevent accidental pressure setting changes or unauthorized users from making changes.

Battery Life Indicator



- ▶ If the battery has ample power, upon turning on the system a GREEN light will appear under the battery symbol.
- ▶ When battery power reaches 20% or less, the battery light will illuminate YELLOW and flash every 15 seconds to alert the user.
- ▶ When the battery power is very close to being totally depleted, a RED light will appear to alert the user the system is about to stop working.

Notification Conditions

- ▶ If the system cannot achieve the desired level of pressure, the MicroDoc's adaptive AI system will attempt to achieve the next lowest level of negative pressure (e.g. switch to 80mmHg if 125mmHg fails).
- ▶ If a line clogs or a vacuum leak occurs that the system cannot overcome, the MicroDoc will cycle and flash all three lights for one minute and then shut down to preserve battery life; the system will restart automatically after 45 minutes.
- ▶ Check the hose connections for any obstruction and to ensure an air-tight connection.
- ▶ Check the dressing to make sure it is intact and there are no apparent leaks.
- ▶ Once the situation is resolved, turn on the MicroDoc and reset the device to the chosen pressure setting.

continued on other side

Applying the Dressing
To Achieve a Proper Fit

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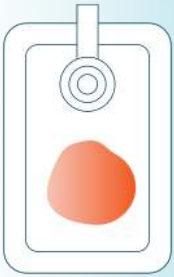
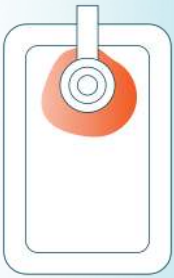
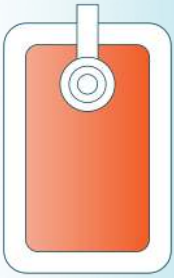
- A new wound dressing must be applied by a healthcare professional. Check orders before beginning and assess if wound is appropriate for sNPWT use with MicroDoc ComforTech™ Dressing.
- Use a clean technique per facility protocol.
- Peel off the dressing backing from one side to expose adhesive and place dressing centrally over the wound so that the dome is positioned above the wound area and not directly over the wound area. This will help avoid drainage from collecting around the dome.
- Remove the other backing layer of the dressing and gently apply the dressing around the wound for a smooth seal, avoiding creases when possible.
- Window-panning transparent strips are provided for clinical convenience if the clinician would like an added layer around the perimeter of the dressing. Skin protectant may be used in this area to protect the patient's skin integrity based on the facility protocols.
- Connect the dressing tubing to the fixture on the MicroDoc control unit with a half turn clockwise or until tight connection.



Dressing properly positioned and is acceptable to be left in place.



Dressing requires change, port may block with fluid.



Dressing requires change, pad area is full.

When to Replace a Dressing

- The MicroDoc comes with two ComforTech™ dressings. The dressing should be changed (by a healthcare professional only) after approximately 3 to 4 days.
- Dressing should be changed immediately if:
  - Physicians' orders require
  - Fluid accumulates around the dome
  - Fluid saturates towards the edges of the dressing/absorbent dressing is full
- Dressing changes may need to be more frequent based on wound, such as when wound if infected, levels of exudate, dressing compromised, wound type, or other patient situations assessed.

Warning Notifications need to be addressed as soon as possible. The therapy is stopped or lessened as long as the cause of the notification is not corrected. If you are unable to correct the cause of the notification contact the physician for instructions. If you are unable to reach the physician, contact an emergency room for assistance.

Additional Precautions – Additional care should be taken when using the MicroDoc on patients taking anticoagulants or platelet aggregation inhibitors, patients with active bleeding, patients with wound hemostasis, patients that have a history of irradiated blood vessels, wounds that involve a fistula, wounds with sinus tracks, wounds with tunneling, or when using the MicroDoc in close proximity to blood vessels or organs.

Failure to obtain and follow instructions from the treating physician could result in injury or death.

For further instructions see the MicroDoc User's Manual.

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800.669.4757 | www.pensarmedical.com
109 N Post Oak Ln., Suite 525 | Houston, TX 77024

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