

# CORKU

EMPOWERING OUR PARTNERS

PRODUCTS : LEVEL 300



NISUS PUMP

NEGATIVE PRESSURE  
WOUND THERAPY **TRAINING**

# GOALS FOR TRAINING

LEVEL 300 : PRODUCTS

SLIDE 2

- ❖ Knowledge assessment
- ❖ Review of the Nisus
- ❖ Pressurization of the wound
- ❖ Block alarm
- ❖ Leak alarm
- ❖ Canister full alarm
- ❖ Battery alarm
- ❖ Hydrophobic membrane
- ❖ Dam design
- ❖ Factory admin menu
- ❖ Dressing kits
- ❖ Questions

# REVIEW OF THE NISUS

LEVEL 300 : PRODUCTS

SLIDE 3

- ❖ Powerful
- ❖ Portable
- ❖ Continuum of Care



- ❖ The pump has an internal pressure sensor to monitor the system's pressure
- ❖ Factory default setting for pressure tolerance is 10 mm/hg
- ❖ The pump will pressurize the system, once the pressure sensor detects 10 mm/hg drop from set point
- ❖ The pump will pressurize the system back to 2-3 mm/hg of set point
- ❖ If the pump over shoots target pressure, an internal bleed off valve opens and bleeds systems back to 2-3 mm/hg of set point
- ❖ Ex: If the pump is set at 125 mm/hg, when the pressure of the system falls below 115 mm/hg, the pump pressurizes the system back to 125 mm/hg (+/-3 mm/hg)

- ❖ The factory default is set at 5 minutes
- ❖ This alarm can be muted and turned off
- ❖ The pump detects a block alarm, when the pump does not pressurize the wound for the determined amount of time
- ❖ Ex: The pump does not pressurize the wound for 5 minutes, this means the pump does not kick on, a blockage alarm will occur
- ❖ This means that the system did not bleed down 10 mm/hg, remember the pump pressurization the system when the pressure falls 10 mm/hg of set point
- ❖ On most cases all dressings will bleed 10 mm/hg through the semi-permeable drape
- ❖ Discuss later, but we thought of this and have an amazing feature to adjust any unforeseen scenarios!!!

- ❖ The factory default is 20
- ❖ This alarm can be muted and turned off
- ❖ This alarm occurs when the pressure does not reach within 20 mm/hg of set point within 1 minute
- ❖ Ex. If pressure setting is set at 125 mm/hg and within one minute, the pump does not achieve a pressure of least 105, the leak alarm will occur

# CANISTER FULL

LEVEL 300 : PRODUCTS

SLIDE 7

- ❖ This alarm can't be silenced nor muted
- ❖ The canister full alarm is detected by a pressure spike
- ❖ The only way to rectify a canister full alarm is to power off pump, remove old canister, place new canister, and power back on
- ❖ Our pump turns off the pump (not the screen) when a canister full is detected
- ❖ Our pump goes one step further by bleeding the pressure off of the system



# BATTERY ALARM

LEVEL 300 : PRODUCTS

SLIDE 8

- ❖ Two battery alarms
- ❖ Neither one can be turned off
- ❖ Between 11%-20% battery life, it will alarm low battery and beep every 5 minutes, like a smoke detector
- ❖ When the battery life drops below 11%, the pump alarms continuously and must be plugged into AC power at this time



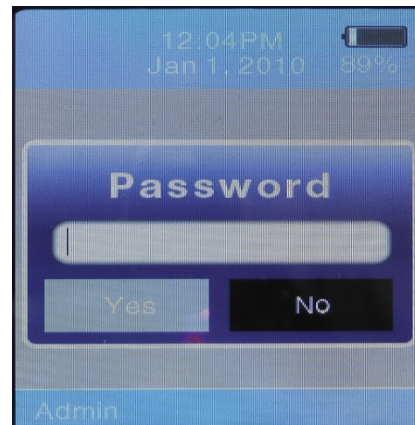
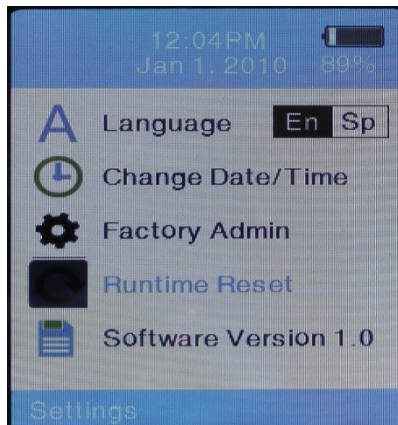
- ❖ Hydrophobic membrane prevents fluid from egressing into the pump
- ❖ Most hydrophobic membranes cause a significant flow restriction
- ❖ The Nisus' hydrophobic membrane is revolutionary design that only causes a slight flow restriction, this allows the pump to deliver a volume of flow.





- ❖ Patent pending design
- ❖ Helps prevent false canister full alarms
- ❖ Protects the hydrophobic membrane
- ❖ Mouse maze design under the dam, goes one step further of protecting the membrane from false fluid egress

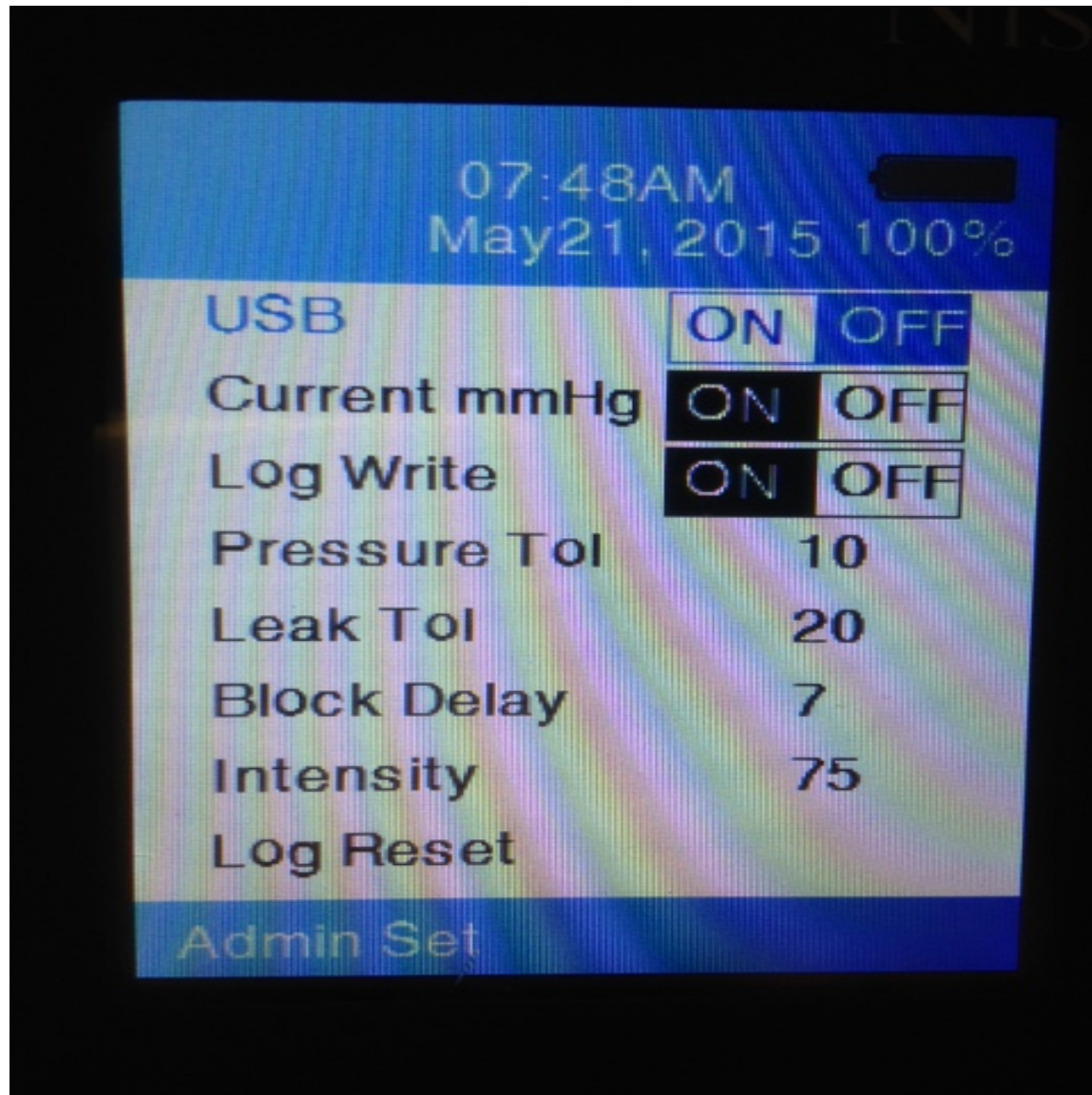
- ❖ Allows the clinician the ability to customize settings to fit any unique situations
- ❖ The factory admin menu is under the settings icon
- ❖ The code to access the menu is pressing the following buttons in sequence:
- ❖ Up arrow, down arrow, left arrow, right arrow, up arrow, and down arrow
- ❖ Press menu/select after passcode is entered



# FACTORY ADMIN

LEVEL 300 : PRODUCTS

SLIDE 12



- ❖ USB should always be off unless loading new software
- ❖ Current mm/hg can be turned off. This real time reading will not show in the therapy menu
- ❖ Log write can be turned off
- ❖ Pressure tolerance, this means the at what point will the pump turn back on to pressurize the system
- ❖ Leak tolerance, at what point will the system recognize a leak alarm
- ❖ Block delay, at what point will the system recognize a blockage alarm
- ❖ Intensity, this can increase or decrease the power of the pump
- ❖ Log reset, this resets the alarm log

# QUESTIONS

LEVEL 300 : PRODUCTS

SLIDE 14