

## 1. EASY PREPARATION

A. Collect supplies.



UltraMIST® System:

- Generator
- Treatment wand
- Power cord
- Applicator
- Disinfectant wipes
- Absorbent pads
- Gloves
- 0.9% normal saline bag/ bottle (50-1000 ml) or fluid equivalent

B. Prepare patient and measure wound size. (length x width= area cm<sup>2</sup>)



C. Plug in system power cord into electrical outlet and clean entire system with disinfectant wipe.



## 2. TREATMENT WAND SETUP

A. Connect treatment wand into generator connection.



B. Turn the power on (located on the back of generator).



C. Select the number of wounds to be treated during this session.

D. Select the wound size for each based on measurements.



E. Determine the amount of saline required. Confirm appropriate saline bag selected.



## 3. APPLICATOR PLACEMENT

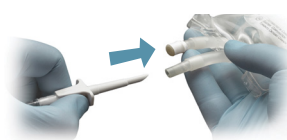
A. Open the applicator from packaging and place onto treatment wand.



B. Place the tubing into the tubing channel on the treatment wand and attach the connector from the tubing to the treatment wand cable.



C. Attach the saline bag to the tubing; ensure the spike is fully inserted.



D. Allow the saline to run through the tubing (priming) until saline drops are noted at the end of the applicator.



E. Close the tubing clamp.

F. Hang the saline bag from the adjustable hook.

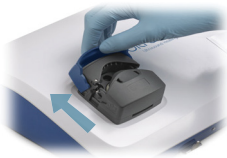


PLEASE REFER TO ULTRAMIST® INSTRUCTIONS FOR USE FOR MORE COMPLETE DIRECTIONS, CONTRAINDICATIONS, AND TROUBLESHOOTING

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## 4. PUMP SETUP

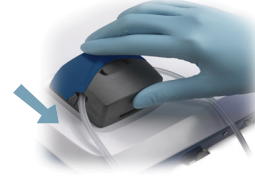
A. Open pump door.



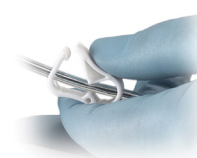
B. Insert tubing from left to right through the saline pump and center on tubing guides.



C. Close pump door.

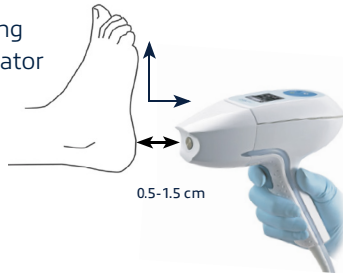


D. Open tubing clamp.



## 5. TREATMENT

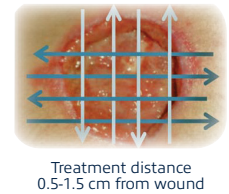
A. Position the leading edge of the applicator 0.5-1.5 cm from the wound in a perpendicular fashion.



B. Press and release the treatment on/off button (trigger) on the treatment wand handle. Both the saline and ultrasound will begin. The timer on the display will start to count down confirming ultrasound is being delivered.



C. Deliver the treatment by slowly moving the treatment wand in a horizontal and vertical pattern over the wound bed.

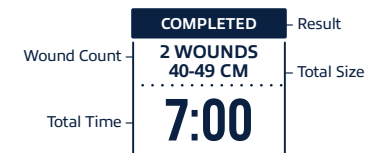


D. If the treatment needs to be paused, press and release the treatment on/off button (trigger). Both the saline and ultrasound will stop. Press again to resume.

## 6. TREATMENT CONCLUSION

A. When the treatment is completed, three audible tones will sound. The ultrasound will automatically turn off and the summary screen will be displayed.

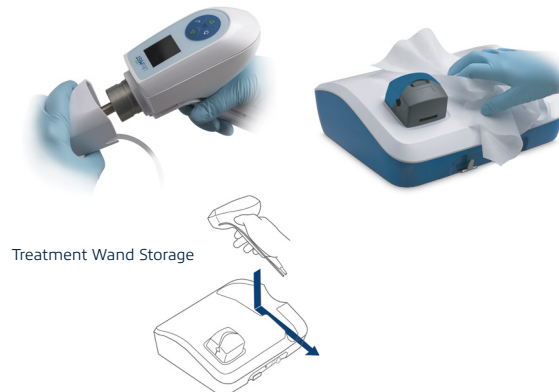
B. Turn system power switch to off.



C. Close the tubing clamp and remove the applicator, tubing, and saline bag from the system and discard.

D. Clean entire system using disinfectant wipes.

E. Slide treatment wand into cradle once completed.



Treatment Wand Removal

Treatment Wand Storage

### COMMON ERRORS

#	ERROR	CAUSE	SOLUTION
129	IMPEDANCE ERROR	Treatment wand tip has come in contact with tissue creating impedance outside the normal range	Press ✓ to continue treatment; ensure treatment wand tip does not come in contact with tissue
200	INVALID REPLACE APPLICATOR	Applicator has been previously used and should be replaced	Replace applicator
201	REPOSITION APPLICATOR	Applicator not positioned properly on treatment wand	Adjust applicator on treatment wand
202	MAX USE REPLACE APPLICATOR	Applicator has been used for the maximum time period allowed	Replace with new applicator to continue
203	NOT READING APPLICATOR	Applicator is not being sensed by treatment wand	Properly align the applicator to the treatment wand
204	OVERHEAT	Treatment wand temperature has exceeded the allowed limit	The overheat screen will automatically begin to count down the minutes required to cool the system. Once this completes, the "paused treatment" screen will appear and the treatment can now be completed. DO NOT TURN OFF SYSTEM during cool down (this will require a replacement of the applicator).
205	FREQUENCY SLIP	Treatment wand tip has come in contact with tissue	Press ✓ to continue treatment; ensure treatment wand tip does not come in contact with tissue

For errors not listed or more details, refer to the Troubleshooting section of the Instructions for Use, or contact SANUWAVE at (770)-419-7525 or toll-free at 1(800)-545-8810, option 3.