



Irrigation and Infiltration Pump Quick Reference Guide

(Refer to the Operator's Manual for complete instructions for use)

Indications for use:

- The irrigation and infiltration pump is intended for general surgical fluid irrigation and infiltration. Warning: Risk of explosion.
- Do not use in the presence of flammable anesthetics. For a complete list of warning and cautions, refer to the Operator's Manual.

Assembly

- Prior to the delivery of fluids:
- Attach transformer to power cord and plug this assembly and footswitch into pump. If used in conjunction with a TMD, attach the umbilical from the Kpump to the TMD.
- Turn the power ON (switch located on top of the pump)
- Rotate the speed control knob to a low setting (i.e.; 3-5)
- Using the proper sterile technique, open the tubing and place into sterile field.
- If an infiltration handle is utilized, ensure the unit is sterile and place into the sterile field.

Fluid Connection

- Non-sterile assistant should lift the pump lever to open the pump mechanism.
- Sterile operator should hand off the "spike" end of the tubing to the assistant. Assistant should place the silicone section of tubing into the pump mechanism (NOTE: Fluid flow will be from left to right when facing the pump)
- Close the pump lever. If the lever is not closed completely, the pump will NOT operate. The pump also has two tubing stabilization devices on each side of the pump head, which can be lowered to hold the tubing in place.
- Non-sterile assistant should close the clamp on the tubing, introduce the spike into the bag and then open the clamp on the tubing.
- If an infiltration handle is utilized, attach the delivery end of the tubing to the handle.
- Attached the infiltration cannula to the tubing or handle depending on your configuration.
- The pump can now be activated. With the speed setting low, depress and release the footswitch to start the flow of fluid. Observe the tubing while the fluid primes the tubing. When fluid flows through the distal end of the needle, the operator should press the footswitch again to stop the flow of fluid. At this point, the tubing is primed. (NOTE: Failure to prime the tubing, handle and needle, can result in the introduction of air into the perivenous space, which can significantly distort the view of the operator)

Fluid Delivery

- Adjust the speed control to the desired level. (Generally between 5 and 7)
- The pump is activated by pressing the footswitch and releasing; deactivation of the pump is accomplished by pressing the footswitch a second time and releasing.
- If using a handle, the operator must also depress the flow control button on the infiltration handle after activating the pump. Release of the button will stop fluid flow, even if the pump is still running. Operator should deactivate the pump immediately after releasing the flow button on the handle.

After Fluid Delivery

- Open the pump lever. Remove and discard the tubing if it is single use.
- Turn off the power switch and store for future use.

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