

Instructions For Use

002

Accessory for bladder irrigation kits

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Lettix bv
medical supplies

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2 Manufacturer information

Manufacturer name: Lettix b.v.

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Any serious incident that has occurred in relation to this device should be reported to the manufacturer and the competent authority of the Member State; (Inspectie Gezondheidszorg en Jeugd - FSMA)

3 Explanation of Symbols

	Indicates a medical device that has been sterilized using ethylene oxide
	Indicates a single sterile barrier system
	Indicated product is not in a sterile state
	Indicates that a medical device that should not be used if the package has been damaged or opened and that the user should consult the instructions for use for additional information
	Indicates a medical device that is intended for one single use only. Do not re-use
	Indicates a medical device that is not to be re-sterilized, this device is for Single Use Only.
	Indicates the manufacturer's catalogue number so that the medical device can be identified
	Indicates the manufacturer's batch code so that the batch or lot can be identified
	Indicates the item is a medical device
	Indicates a carrier that contains unique device identifier information

	Indicates the medical device manufacturer
	Indicates the date when the medical device was manufactured
	Indicates the entity distributing the medical device into the locale
	Indicates the date after which the medical device is not to be used
	Product contains or presence of DEHP
	CE mark including the number of the notified body
	Consult instructions for use
	Indicates a medical device that needs to be protected from moisture
	Keep away from sunlight, ISO 7000-0624
	Indicates the temperature limits to which the medical device can be safely exposed. Temperature limit, ISO 7000-0632
	Indicates the range of humidity to which the medical device can be safely exposed. Humidity limitation, ISO 7000-2620

4 General description

“Accessory for bladder irrigation kits” are non-active non-implantable devices for channeling liquids in and out of the body. This medical device has a risk classification; **Is**

4.1 General warnings and cautions

Guideline on phthalates: As phthalates being marked as substances of concern, it is advised to limit exposure of products marked containing phthalates, to patient groups considered particularly vulnerable or exposed to high levels of phthalates such as, and including; paediatric population, peripubertal males, pregnant women, breast-feeding women.

In the event of the packaging being: 1) damaged; 2) unintentionally opened before use; and 3) if the packaging is exposed to environmental conditions outside of those specified, the device is not to be used and disposed of.

Re-use of single use devices can lead to the risk of cross contamination between patients.

Re-sterilization of single use devices can lead to a damaged devices.

5 Intended use

5.1 Intended purpose

- Accessory for bladder irrigation kits.
- May not be connected to an active device of class IIa and higher.
- Not intended to be used for administering bodily fluids into the body.

5.2 Intended conditions of use

Non-measuring. This product family contains non-sterilized and sterilized products by the manufacturer.

5.3 Intended use environment

Hospital use.

5.4 Intended part of the body or type of tissue applied to or interacted with

Non-invasive use.

5.5 Intended user profile

The product is intended to be used by trained healthcare practitioners, such as doctors or nurses. This means the user has a high level of education and professional competence. No disabilities are expected.

5.6 Intended medical indication

Patients who need a bladder irrigation.

5.7 Intended patient population

Non-specific identified. All age groups, weight ranges, types of health indications and conditions. No contra-indications and warnings are specified.

6 Principles of operation and compatibility

This is an accessory to perform a bladder irrigation with a non-active medical device. Liquids are transported via tubing by gravity. Luer locks are used to connect the tubing to an irrigation tool like a Cystoscope (female luer lock) or a catheter (silicon tube) and on the other side of the tubing to a liquid bag (spike) pump (female luer lock) or Urine collection bag (included). Transfer can be controlled by a clamp or balloon. Y-connector allows the user to connect multiple irrigation liquid bags to the system, to ensure quick replacement of bags.

7 Identification of parts

Note: depending on the configuration of the accessory, different parts below are included. Not all accessories contain all parts identified below.

	Spike
	Clamp: roller
	Clamp: multistep
	Clamp: open/close
	Connector: luer locks
	Connector: barbed

	Connector: catheter
	Connector: Y
	Connector: Y + septum
	Flexible drip chamber
	Check valve
	Caps/protector
	Balloon
	Urine collection bag

8 Operating Instructions

Note: depending on the configuration of the accessory, different parts below are included. Not all accessories contain all parts.

8.1 Priming

Follow hygiene policy, safety practices and identification policy of the hospital. Do not allow the free end of the giving set to touch any non-sterile surface.

8.2 Spike

- Use protective gloves to prevent irritation from the leakage onto the hand of the operator.
- Take the liquid bag into non-dominant hand
- Remove the stopper from the spiking port of the liquid bag.
- Remove the cap from the spike, do not touch the sterile sections or allow them to come into contact with any non-sterile areas.
- Penetrate the spike into the spiking port while twisting back and forwards the spike.
- Make sure the spike is inserted as far as it will go, up to the raised ridge.

8.3 Roller Clamps

The primary function of a roller clamp is to control the flow rate of the fluid. The roller has two directions:

- Fully rolled up, flow rate is at its maximum.
- Roller halfway, the flow rate increased when the rolled up, and when it is rolled down, the flow rate goes down.
- Fully rolled down, the tubing is compressed, and the flow stops.

8.4 Multistep clamps

The primary function of a multistep clamp is to control the flow rate of the fluid. This clamp can be squeeze multiple times to narrow the tube, flow rate is compressed. The clamp can be released to set the flow rate at its maximum.

8.5 Open/Close clamps

The primary function of an open/close clamps is to control the flow rate of the fluid. Push the tube into the clamp to open or stop the flowrate.

8.6 Luer locks

The primary function of the luer locks is to make a leak-free connecting between tubing systems and medical- and Laboratory devices or other tubing systems. Luer locks has male- and female-taper fittings. Carefully connect the luer locks by pushing the female luer lock straight into the male luer lock using a clockwise, twisting motion. Tug gently to ensure the connection is secure. Visually inspect for damage before use. Do not try to insert at an angle or try to pry open the slit in the male luer lock.

Do not over tighten- may cause cracking of the luer and make removal difficult.

8.7 Catheter connection

The tube connector is used to connect leads in non-invasive applications.

8.8 Flexible drip chamber

During priming the system, filling the drip chamber prevents air from entering the tubing, the drip chamber allows gas to rise out from a fluid so that the air is not passed downstream.

Fill the drip chamber one-third to one-half full by gently squeezing the chamber.

The drip chamber also helps estimate the rate at which fluid is administered.

8.9 Y-connector (including septum)

Clean the access port with disinfectant swab before injecting prepared drug into the Y-connector including septum.

8.10 Balloon

Squeeze the balloon to help the fluid flow.

8.11 Urine collection bag

Waste bag with anti-reflux valve, Pasteur drip-chamber, antibacterial filter for internal pressure compensation, handle for patient ambulation and hooks for bed fixing.

8.12 Caps

Caps protect Luer locks connectors and spikes for contamination. Remove caps only according hospital procedures.

9 Cleaning / Disinfection / Disposal

This medical device is single use only, when the product has been used or is contaminated it has to be disposed according to the hospital policy.

Always dispose of blood contaminated products in a manner consistent with established biohazard procedures.

9.1 Sterilization instructions

Articles marked as non-sterile require sterilization before use. Ethylene Oxide (EO) sterilization is to be performed conform EN-ISO 11135 using the overkill approach (Annex B) with a sterility assurance level (SAL) of 10^{-6} (EN 556-1).