



## MEDICONTUR E-IFU

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# MEDICONTUR MEDJET B1B SINGLE USE INJECTOR

EN

## DESCRIPTION

Consists of one, single use, sterile, disposable device for the implantation of a foldable hydrophilic intraocular lens (IOL) into the eye. The device consists of two parts: the assembled injector and the cartridge. The injector has 4 different parts: the injector body, a plunger with a soft tip and a metal spring.

## MODELS

Model	Applicable IOLs	Estimated corneal incision size
MEDJET B1B	hydrophilic	2.2 mm

## PACKAGING

The injector is packaged in a protective peel-pouch, sterilized by ethylene oxide.

## EXPIRATION DATE

Medicontur injectors are sterile unless their primary packaging is damaged. The expiry date is printed on the outer package label and the protective peel-pouch. Do not use an injector after its expiry date.

## INTENDED USE

The Medicontur Medjet B1B injector is intended to be used by a trained ophthalmic surgeon for implantation of a foldable intraocular lens into the human eye.

## INDICATION

The Medicontur Medjet B1B injectors are indicated for implantation of a foldable IOL into the eye of a human adult, by injection through a corneal incision not wider than 2.5 mm, during the course of an ophthalmic surgery.

## CONTRAINDICATIONS

There are no known contraindications for the use of injectors during the implantation of a foldable IOL.

## WARNINGS

- Examine the package labels carefully for information about the lens model, power and expiration date. Lenses should not be used after the expiration date.
- Do not resterilize or reuse any part of the system by any method.
- Do not use the system if the packaging is damaged or wet and the sterility of the device may have been compromised.
- Store the unopened injector packaging in a dry place, away from moisture and direct sunlight at room temperature (15-35°C) and a minimum of 35% relative humidity.
- A high level of surgical skills is required to implant intraocular lenses. The surgeon should have observed and/or assisted at numerous implantations and successfully completed one or more courses on IOL implantation before attempting to implant intraocular lenses.
- Patients should be advised that unexpected outcomes may necessitate additional surgical intervention.

## DIRECTIONS FOR USE

1. Open the outer package to remove the peel-pouch and verify that the information is consistent with the outer package labeling (e.g. model, LOT number). At the same time ensure that the appropriate, unexpired, sterile Medicontur IOL is available.
2. Open the protective peel-pouch and remove the injector system in a sterile environment. Prepare the IOL container as described in its Instructions for Use.
3. Open the winglets of the cartridge and fill up the nozzle with sterile viscoelastic material. Cover both halves of the loading chamber with the viscoelastic material as well.
4. Carefully remove the lens from the lens holder using parallel tipped, non-serrated forceps. Rinse the IOL with sterile Balanced Salt Solution.

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5. Position the lens in the loading chamber in a proper configuration.
  - Lenses with 2 loop haptics (e.g. Bi-Flex or Z-Flex): position the lenses in the loading chamber in a 'Z' or 'reverse-S' orientation.
  - Lenses with 4 loop haptics (e.g. Q-Flex): the orientation mark on the upper haptics must be on the right in the nozzle side of the cartridge.
6. Hold open the winglet of the cartridge, center the IOL and gently push the lens down with the forceps to ensure that the nearest edge of the optic is securely seated under the edge of the loading chamber as shown in Fig. 1.

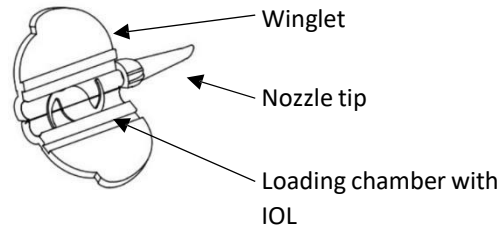


Fig. 1

7. While keeping the lens in position with open forceps, gently close the winglets of the cartridge without pinching any part of the optic or haptics, before locking the winglets. Press the winglets together at their base firmly until the click.
8. Visually observe that the lens is symmetrically folded within the loading chamber.
9. Fully retract the plunger ensuring that the soft tip does not protrude into the loading bay of the injector.
10. Insert the locked cartridge into the loading bay of the injector body as shown in Fig. 2.

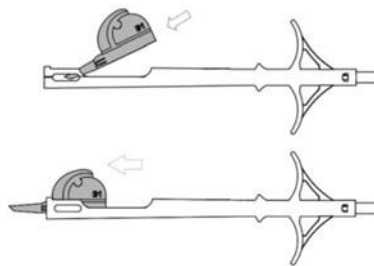


Fig. 2

11. Push the plunger forward in a slow, controlled manner. Anticipate a slight initial resistance. Excessive resistance could indicate a trapped lens.
12. Pull the plunger back a few millimeters and then push forward again. This step ensures that the lens is always grasped correctly. Proceed immediately.
13. With the nozzle tip bevel facing down, inject the IOL applying continuous light pressure on the plunger.
14. When the lens exits the cartridge nozzle, stop pressing the plunger and carefully withdraw the cartridge nozzle tip from the eye.

#### NOTE

- Balanced Salt Solution alone should not be used as lubricant.
- When closing and locking the winglets, any resistance could indicate a trapped lens.
- When pressing the plunger, too much resistance may indicate a trapped lens.
- Do not stop the injection after you have started implanting the lens. The entire process should be one continuous process without interruption.
- If the IOL blocks the injector system, discard the injector and the IOL.
- Discard the injector after use.
- The product or its waste material should be disposed of in accordance with local/national regulations and requirements.














## LIABILITY

Medicontur does not bear any responsibility for improper model selection by the physician, for improper handling, use, surgical technique applied or for any other iatrogenic error caused by the implanting surgeon.

## PATIENT CARD

One of the self-adhesive labels with the IOL data printed on it is designed to be placed on the Patient Card, also enclosed in the packaging. This Patient Card should be handed over to the patient for future reference allowing the patient to identify the surgeon and the type of IOL implanted.

## SYMBOLS

 CE certified	 Keep dry	 Do not re-use
 Keep away from sunlight	 Consult instructions for use	 Do not re-sterilize
 LOT number	 Use by date	 Store at room temperature
 Do not use if package is damaged	 Manufacturer	 Do not freeze
 Sterilized using ethylene oxide		

## MANUFACTURER

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This document is executed in the English language. In the event of any inconsistencies, the English version shall prevail.