



INSTRUCTIONS FOR USE

T^{DCA} BioMed

DISPOSABLE CANNULAS

SUPERSEAL™ CONNECTOR

T^{DCA} BioMed, Inc. designs, manufactures and distributes **DISPOSABLE, PACKAGED, STERILIZED, ONE-TIME USE** cannulas and accessories. T^{DCA} BioMed cannulas are available in a variety of tip styles, ODs and lengths, and are packaged in a clear PETG tray with a Tyvek™ cover, or sealed Tyvek bags. Each tip OD is identified by a different SuperSeal Connector color with the T^{DCA} BioMed logo in blue. The part number and expiration date of each product is identified on the Tyvek cover or bag.

The SuperSeal Connector design for the T^{DCA} BioMed micro cannulas is a modification of the “traditional luer.” For the T^{DCA} BioMed macro cannulas, the hub includes a rubber seal to make the connection between the hub and a syringe or handle more secure. The SuperSeal Connector solves the problems associated with structural failure by adding strength and rigidity at the syringe connection point. The SuperSeal Connector significantly reduces the chance of leakage, creates a static vacuum, and allows a medical instrument to be aggressively manipulated during various medical procedures, most notable, liposuction and adipose transfer.

The proprietary cannula coating has demonstrated less drag/increased lubricity than an uncoated cannula in bench testing.

INDICATIONS FOR USE – MICRO CANNULA

T^{DCA} BioMed Disposable Micro Cannulas are intended to be used for the removal of soft tissue and fluid from the body during general surgical and plastic surgery procedures.

NOTE: Before opening a sterile cannula, visually inspect the container and cover for any openings.

DO NOT USE if the container or cover has any openings prior to its intended surgical use.

T^{DCA} BioMed cannulas are the **ONLY** cannulas coated on both the inside and outside with a hydrogel coating that, when pre-wet, makes the cannula more lubricious, which allows for easier movement through tissue and reduced damage to cells as they are removed through the cannula.

****WE HIGHLY RECOMMEND THAT THE CANNULA BE IMMERSUED INTO AND FLUSHED WITH SALINE BEFORE THE PROCEDURE TO ACTIVATE THE HYDROGEL.****

1. Open only in a designated sterile field.
2. Check that you have the correct cannula OD by the color of the plastic hub.
3. Open by pulling and separating the cover from the tray.
4. Check that the tip style is appropriate for the surgery.
5. Connect by twisting onto a sterile leuer syringe.
6. When finished using the cannula, dispose of properly in accordance with proper bio-hazard regulations.



TIPS FOR HANDLING THE DISPOSABLE CANNULA

- °Be careful to avoid splashing extracted tissue or fluid on operating room personnel
- °To clear plugged cannula, insert the cannula opening into a splash-proof container and clear the cannula with quick, short in-and-out strokes. Flush with saline.

There is a flat surface at the base of each T^{DCA} BioMed cannula that displays the T^{DCA} BioMed logo. This flat surface is opposite the opening of the tip of the cannula. This identifies which direction the tip opening is facing during surgery.

WARNING:

IF VACUUM SUCTION DECREASES, CHECK FOR BROKEN SEAL.

WARNING!

YOU HAVE PURCHASED ONE-TIME USE DISPOSABLE CANNULAS AND THEY ARE NOT TO BE RE-PROCESSED OR RE-USED.

T^{DCA} BioMed, Inc.
438 Camino del Rio So. #219
San Diego, California 92108

(619) 298-6800
(619) 298-0900 fax
(800) 978-8547

(formerly known as “Tulip BioMed, Inc.”)



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The SuperSeal Connector design for the T^{DCA} BioMed micro cannulas is a modification of the “traditional luer.” For the T^{DCA} BioMed macro cannulas, the hub includes a rubber seal to make the connection between the hub and a syringe or handle more secure. The SuperSeal Connector solves the problems associated with structural failure by adding strength and rigidity at the syringe connection point. The SuperSeal Connector significantly reduces the chance of leakage, creates a static vacuum, and allows a medical instrument to be aggressively manipulated during various medical procedures, most notable, liposuction and adipose transfer.

The proprietary cannula coating has demonstrated less drag/increased lubricity than an uncoated cannula in bench testing.

INDICATIONS FOR USE – MACRO CANNULA

T^{DCA} BioMed Disposable Macro Cannulas are intended to be used for the removal of soft tissue and fluid from the body during general surgical and plastic surgery procedures.

NOTE: Before opening a sterile cannula, visually inspect the pouch for any openings.

DO NOT USE if the pouch has any openings prior to its intended surgical use.

T^{DCA} BioMed cannulas are the **ONLY** cannulas coated on both the inside and outside with a hydrogel coating that, when pre-wet, makes the cannula more lubricious which allows for easier movement through tissue and reduced damage to cells as they are removed through the cannula.

****WE HIGHLY RECOMMEND THAT THE CANNULA BE IMMERSUED INTO AND FLUSHED WITH SALINE BEFORE THE PROCEDURE TO ACTIVATE THE HYDROGEL.****

1. Open only in a designated sterile field.
2. Check that you have the correct cannula OD by the color of the rubber portion of the hub.
3. Open by safely pulling the pouch open at a corner near where the tip is located.
4. Check that the tip style is appropriate for the surgery.
5. Connect by holding the cannula by the hub/base, push the cannula down tightly while twisting the hub around a sterile syringe or sterile suction handle.
6. When finished using the cannula, dispose of properly in accordance with proper bio-hazard regulations.



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WARNING:

IF VACUUM SUCTION DECREASES, CHECK FOR BROKEN SEAL.

TIPS FOR HANDLING THE DISPOSABLE CANNULA

- °Be careful to avoid splashing extracted tissue or fluid on operating room personnel
- °To clear a plugged cannula, insert the cannula opening into a splash-proof container and clear the cannula with quick, short in-and-out strokes. Flush with saline.

WARNING!

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