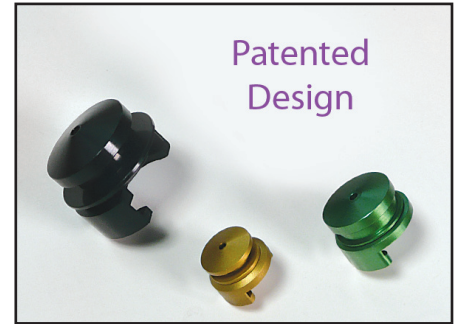


Tulip Crown™

Quick Start Instructions



The Tulip Crowns are proprietary patented devices designed to maintain a closed system during tissue-transfer procedures involving centrifugation. The Crown retrofits off-the-shelf syringes and allows the user to remove and reattach the plunger while keeping the stopper in place. The Tulip Crowns are designed with a self-sealing access port that allows the user to selectively remove contents with an 18g (or smaller) needle as desired with the stopper in place.

The Crowns are available in the following sizes:

- 10cc BD Luer Lock
- 20cc BD Luer Lock
- 60cc Monoject Toomey
- 60cc Monoject Luer Lock
- 60cc BD Luer Lock

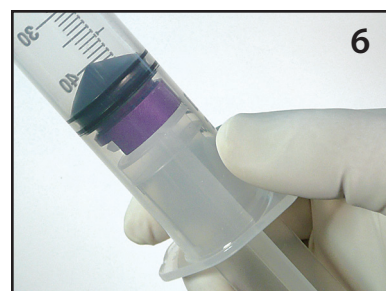
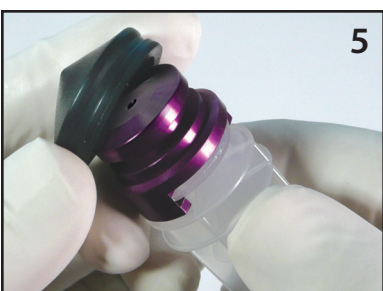
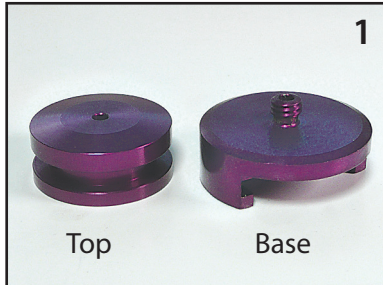
Contact a Tulip representative for detailed product information.
800-325-6526 • sales@tulipmedical.com

Please read package inserts prior to use and refer to the Tulip Medical Products IFUs (instructions for use) for cleaning and sterilization at TulipMedical.com. The Crown should be prepared in a sterile field.

See page 3 for diagram of device.

1. In the sterile field, open the autoclaved, 2-piece crown.
2. Open a sterile syringe and pull out the plunger.
3. Remove the rubber stopper from the plunger head. Keep the stopper sterile.
4. Slide the base of the Crown onto the exposed plastic plunger head until it snaps into place. Attach the Crown top to the Crown base.
5. Attach the black rubber stopper to the top of the Crown.
6. Slip the syringe plunger back into the syringe barrel and push it down to the barrel base.
7. Use the syringe to harvest in a normal fashion.

Continued on page 2...





Tulip Crown instructions continued from page 1

8. When the syringe is filled to the desired level, cap the tip.
9. Twist the plunger counterclockwise to unscrew the plunger and the base of the Crown from the black rubber stopper and the top of the Crown.
10. Remove the plunger and keep it sterile. The Crown top and rubber stopper remain in place in the syringe barrel to maintain a closed system.
11. Process the syringe(s) in a centrifuge.
12. (optional) After centrifuging, pierce the plunger head with an extraction needle (18g or smaller) through the Crown's extraction port. Extract tissue/fluids as desired.
13. Re-insert the plunger into the barrel of the syringe.
14. Reattach the plunger to the rubber stopper by screwing the base of the Crown into the top of the Crown in a clockwise motion.



Cleaning the Tulip Crown

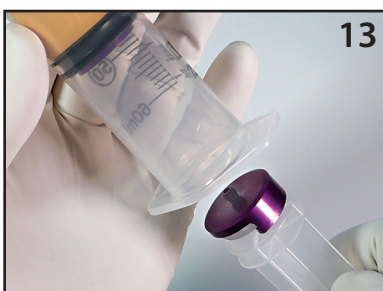
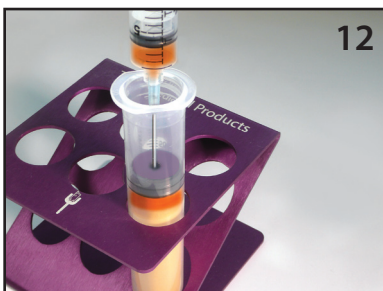
Remove and discard the rubber stopper from the Crown top. Detach both pieces of the Crown from the syringe plunger. Separate the top of the Crown from the base of the Crown.

Consult the package insert or the Instructions for Use (IFUs) for full cleaning and sterilization instructions.



Do not clean with alkaline-based cleaners, as these can damage the instrument and will void its warranty.

For any questions, contact Tulip Medical Products at 800-325-6526 or sales@tulipmedical.com.



Tulip Crown instructions continued from page 2

Tulip Crown Diagram

