



## Celbrush™ Cleaning Instructions.

The Cytori Therapeutics Celbrush™ is a reusable, autoclavable, hand-held manually operated, surgical instrument designed to attach to a Soft-Ject Syringe. The thumb-brush design minimizes the build-up of pressure, and provides superior tactile feedback during tissue dispersion.

### **MATERIAL**

The Celbrush™ is composed of medical grade Stainless Steel components and Viton O-rings seated between the adapter and handle and on the wheel hub.

### **ATTENTION: THE CELBRUSH™ MUST BE CLEANED AND STERILIZED PRIOR TO USE! INSTRUCTIONS FOR USE**

#### **A. CLEANING PROCEDURE**

1. The Celbrush™ comes fully assembled, and must be disassembled before cleaning.
2. Prepare an enzymatic detergent according to the manufacturer's recommendations.
3. Remove Rack & Piston assembly from the Celbrush™ handle by gently pulling it out of the handle.
4. Remove the adapter by pushing in on the adapter and rotating counter-clockwise. Pull to remove adapter. (Do not remove o-ring which is located where the adapter is attached to the handle.)
5. Fully immerse the device(s) in the prepared detergent and allow them to pre-soak for a minimum of 5 minutes.
6. Thoroughly brush the device(s) assuring all hard to reach areas are accessed. Use a syringe to aid in cleaning. Assure all visible soil is removed. If the detergent becomes grossly soiled, prepare a fresh batch as described in the first step.
7. Thoroughly rinse the device(s) under running lukewarm tap water for a minimum of 1 minute. Use a syringe to aid in rinsing.
8. Prepare a fresh batch of the detergent according to the manufacturer's recommendations.
9. Fully immerse the device(s) into an ultrasonic bath and sonicate for a minimum of 10 minutes.
10. Thoroughly rinse the device(s) with RO/DI water to remove all detergent residues. Use a syringe to aid in rinsing.
11. Dry the device(s) with a lint free cloth. Filtered, pressurized air can be used if applicable.
12. Visually inspect each device for any visible soil.



## B. STERILIZATION

The Celbrush™ is provided non-sterile. Sterilization of the Celbrush™ is required prior to use.

The following table is a recommendation. It is the facility's responsibility to verify the appropriateness of the sterilization cycle, taking into consideration bio burden, microorganism resistance to heat (D-value), equipment loading configurations and heat distribution, the appropriate stability assurance level, and other sterilization cycle parameters. Cytori Therapeutics recommends that the facility establishes its own sterilization cycles by validating the sterilization equipment and cycles through the use of appropriate standards.

Minimal exposure times for steam sterilisation:

Temperature	Pressure	Time
121° C	15 psi	15 minutes
126°C	20 psi	10 minutes
134°C	29.4 psi	3 minutes.

When autoclave cycle is complete, remove item from the pouch and place directly into the sterile field.

## C. ASSEMBLING THE CELBRUSH™

The Celbrush™ consists of a (1) handle, (2) adapter, and (3) rack and piston. The Celbrush™ must be used in conjunction with an appropriate sized sterile, single-use Soft-Ject Syringe.