Sterilization Procedure for C-R® Syringes

By use of Autoclave:

Chairside: After use, wipe off excess material and debris from syringe.

Cleaning of Syringe: Lift rear handle up to allow removal of black plunger. Remove metal spring from plunger and place all three parts (syringe, plunger and spring into ultrasonic cleaning unit; cover and clean for 16-20 minutes (at 122°F/50°C if unit contains a heater). Remove and rinse thoroughly under sterile fresh warm water (de-mineralized water may be used). Shake to remove excess water and stand vertically to air dry. The syringe should be dry before sterilization. Reassemble spring onto plunger making sure small spring hole is at back of plunger for proper reassembly (see photo to show correct method).

Bag, wrap in an Autoclavable Wrap, seal, and arrange in Autoclave.

Alternative Hand Cleaning: Thoroughly clean by hand scrubbing with mild detergent and a soft bristle brush. Remove and rinse thoroughly under sterile fresh warm water (de-mineralized water may be used). Shake to remove excess water and stand vertically to air dry. The syringe should be dry before sterilization.

Sterilization Procedure: Proceed with a gravity cycle sterilization procedure according to the Sterilizer Manufacturer’s instructions; 20 Minutes at 250°F/121°C-15psi.

By use of Cold Solutions:

Chairside: After use, wipe off excess material and debris from syringe.

Cleaning of Syringe: Prepare syringe in the same way as the autoclave method. Immerse into solution and then remove and rinse thoroughly under sterile fresh warm water (de-mineralized water may be used). Shake to remove excess water and stand vertically to air dry. The syringe should be dry before cold sterilization procedures.

Alternative Hand Cleaning: Thoroughly clean by hand scrubbing with mild detergent and a soft bristle brush. Remove and rinse thoroughly under sterile fresh warm water (de-mineralized water may be used). Shake to remove excess water and stand vertically to air dry. The syringe should be dry before cold sterilization procedures.

Sterilization Procedure: Immerse the C-R Syringe completely in activated Cold Solution at 25°C in a covered container for the length of time as recommend by the Cold Solution Manufacturer. Remove syringe from the solution and rinse thoroughly under sterile fresh warm water (de-mineralized water may be used). Shake to remove excess water and stand vertically to air dry before use.