

HydroSet™

Injectable HA Bone Substitute

Indications for Use

HydroSet is a self-setting, calcium phosphate cement intended for use in the repair of neurosurgical burr holes, contiguous craniotomy cuts and other cranial defects as well as in the augmentation or restoration of bony contour in the craniofacial skeleton.

HydroSet is indicated to fill bony voids or gaps of the skeletal system (i.e., extremities, craniofacial, spine, and pelvis). These defects may be surgically created or osseous defects created from traumatic injury to the bone. HydroSet is indicated for bony voids or gaps that are not intrinsic to the stability of the bony structure.

HydroSet cured in situ provides an open void/gap filler that can augment provisional hardware (e.g., K-Wires, plates, screws) to help support bone fragments during the surgical procedure. The cured cement acts only as a temporary support media and is not intended to provide structural support during the healing process.



Step 1

Step	Time	Elapsed Time
Mixing	45 seconds	45 seconds
Transfer	1 min. 45 seconds	2 min. 30 seconds
Injection and Sculpting	2 minutes	4 min. 30 seconds
Setting	4 minutes	8 min. 30 seconds

HydroSet is a heat and time sensitive material. The OR temperature should be between 64° - 72°F and the timeline above should be closely followed. HydroSet cannot be manipulated or sculpted after 4 min. 30 seconds.

Step 2



Remove inner blister tray from outer blister tray using aseptic technique.

Step 3



Firmly place Cement Delivery Syringe onto holding post of inner blister tray so it is at an angled position with the finger loops resting on the shelves of the tray.

Step 4



Carefully peel back cover from mixing bowl.

Step 5



Inject the entire contents of syringe into mixing bowl with powder.

Step 6



Vigorously mix the powder and solution in a circular motion for 45 seconds, ensuring that all of the solution has been distributed throughout the powder.

Step 7



Transfer the HydroSet to the syringe by pouring it into the side of the funnel. Use spatula to assist.

Step 8



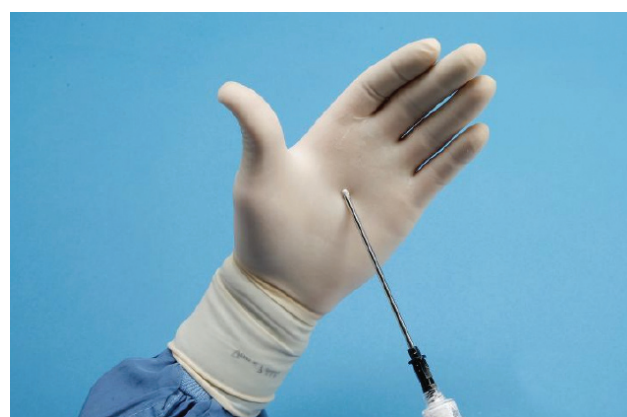
Unscrew the pre-attached funnel and screw on the cannula.

Step 9



Screw the plunger rod into the plunger at the base of the syringe, while keeping the cannula elevated.

Step 10



Position the syringe so the cannula is pointing up and push the plunger rod to remove excess air.

Ordering Information

Cat. No	Description
79-43903	3 cc HydroSet Injectable Cement
79-43905	5 cc HydroSet Injectable Cement
79-43910	10 cc HydroSet Injectable Cement
79-43915	15 cc HydroSet Injectable Cement

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