

Arthrex Preparation Guide

ArthroCell™ Viable Bone Matrices



1

Product with all components will arrive frozen in a sealed pouch. The product consists of 3 components to be transferred aseptically into the sterile field.



2

Components include a cell vial, particulate bone, and gel.



3

Thaw the cell vial (~5 min) and gel container (~20 min) in a room temperature sterile saline or sterile water bath.



4

While the cell vial and gel container are thawing, remove the inner and outer lids of the bone particulate jar and add the recommended saline volume directly to the bone particulate. Mix the saline and the particulate thoroughly using a spatula.



5

Once the cell vial has thawed, pour the contents of the vial directly into the bone particulate/saline mixture. Mix the cell contents and bone particulate/saline thoroughly using a spatula. Once fully mixed, cap the container and set aside or at least 10 minutes.



6

Divide the thawed gel into 3 to 4 pieces and transfer to sterile mixing syringe (ABS-2000).



7

Unsnap the pushrod from the mixing element. Mix the gel component by pushing/pulling on the mixing element until a paste consistency is obtained, which should occur within 60 seconds of continuous mixing.



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Snap the pushrod back into the mixing element and remove the syringe end cap. Dispense the paste onto the cell/particulate matrix.



Using a spatula, mix the cell/particulate/paste matrix thoroughly until all components are incorporated. The matrix can then be molded further in a gloved hand until the desired configuration is obtained.



The final product is moldable and can be stored capped at room temperature until needed. Total time from cell vial thaw to placement at the surgical site should not exceed 4 hours.



ArthroCell allograft is manufactured and distributed by Vivex Biomedical and marketed by Arthrex. Please refer to the product's Instructions for Use for a full listing of warnings and directions.



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