



Regenaform®  
Room Temperature

Handling Instructions

# HANDLING INSTRUCTIONS

*Sterile powder-free surgical gloves are required for proper manipulation and condensation of graft.*



- 1 Using aseptic technique, open the outer pouch and introduce the inner pouches to the sterile field.



- 4 Deliver the fluid into the mixing jar directly onto the Regenaform® RT powder.



- 2 In the sterile field, open the inner pouches dispensing the jar and accessories. Shake the jar containing the graft to loosen the contents and tap lid prior to opening. It is recommended that this jar be used for mixing the dry powder with diluent.



- 5 Using the spatula, mix graft in a quick choppy motion for 30 seconds, then pull the graft together into a cohesive mass and sweep the inside of the jar walls to ensure all gelatin granules have been incorporated into the mixture. Failure to incorporate all of carrier into the graft will result in loss of the molding characteristics.



- 3 Fill the fluid syringe with available room temperature (19°C–25°C; 66°F–77°F) or warm (43°C–49°C; 110°F–120°F) sterile fluids to the identified line on the syringe. **If using warm saline or sterile water, fill to the blue line. If using blood or room temperature saline or sterile water, fill to the red line** (refer to chart below).



- 6 Heavily wet powder-free surgical gloves with sterile saline or sterile water and remove the hydrated graft from the mixing jar. Graft may still appear crumbly at this stage. Knead the graft in the palm of hand aggressively applying sufficient finger pressure to remove air voids and mold to desired shape. This will complete the binding/hydrating process. **Please note that sufficient kneading of the material is required to prevent crumbling.**

NOTE: Remove any excessive bleeding created by decortication of graft site prior to Regenaform® placement.

Fluid Choice	Syringe Line	Temperature		Volume of Diluent Needed	
		°F	°C	1cc	2cc
Room Temperature Saline	Red	66-77	19-25	to Red Line	
Blood	Red	98.6	37	to Red Line	
Warm Saline	Blue	110-120	43-49	to Blue Line	

For defect sites that require a softer more moldable graft, place the condensed graft back into the tightly-capped mixing jar and float jar in prewarmed water at 43°C to 49°C (110°F to 120°F) for approximately 45-60 seconds. This method may also be used to extend working time for use later in the same surgical case.

Regenaform® does not require gentle handling.  
User can aggressively press or mold Regenaform® into place.

- The graft will become a resilient solid at body temperature.
- Setting time is variable depending upon the volume and shape of graft.

NOTE: To achieve desired handling characteristics, it is suggested that the user begin with the amount marked on the syringe, and add a few additional drops of fluid, if necessary, to achieve desired consistency.

NOTE: When handling Regenaform®, dampen gloves using sterile saline or water to prevent the graft from adhering to the gloves.

**DO NOT** heat Regenaform® for more than six hours.

**DO NOT** directly expose hydrated graft to fluids warmer than 100°F (38°C).  
This may cause the carrier to dissolve.

This document is intended to clarify handling only. See package insert for other information.  
Regenaform® is a registered trademark of RTI Biologics, Inc.

1-866-284-9690  
[www.exac.com/dental](http://www.exac.com/dental)

Regenaform® Room Temperature is processed by  
RTI Biologics, Inc. and is distributed by:



717-01-12 Rev. B  
Regenaform Handling Inst. 1009

