

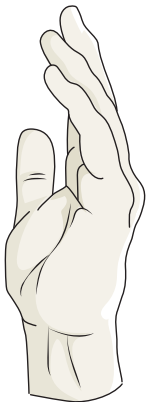
## CASTING | Using Alginate

**TOOLS:**

Bucket, Alginate, Whisk, Vaseline, Plaster / Dental Stone

**Positive Hand Mold**  
(Preferably in Dental Stone)

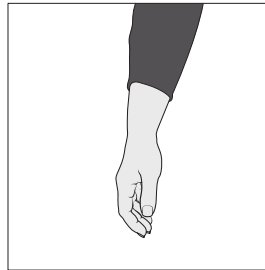
Be sure to capture:



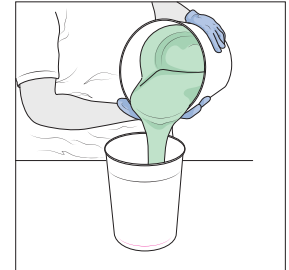
- a. Relaxed Hand
- b. Good Detail
- c. Neutral Wrist
- d. Include Styloid or 1" Beyond Wrist
- e. No Pipe or Platform

**Position the hand in neutral:**

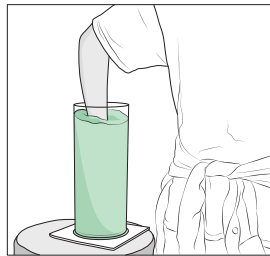
- ~15° Wrist Extension
- ~30° Flexion at MCP Joints
- Relaxed Digits



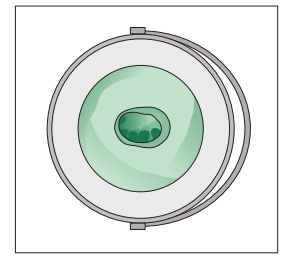
1. Position casting location at comfortable height. Teach patient the proper hand position.



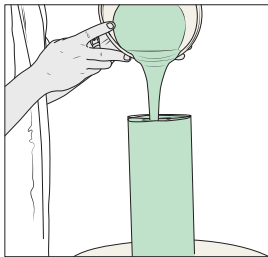
2. Mix and pour alginate according to the manufacturer's guidelines.



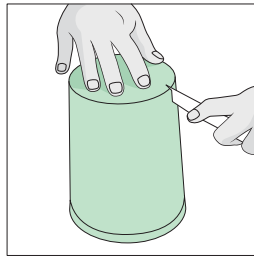
3. Slowly Immerse hand into mixture. Hand should be placed in the center of the container. Include the wrist.



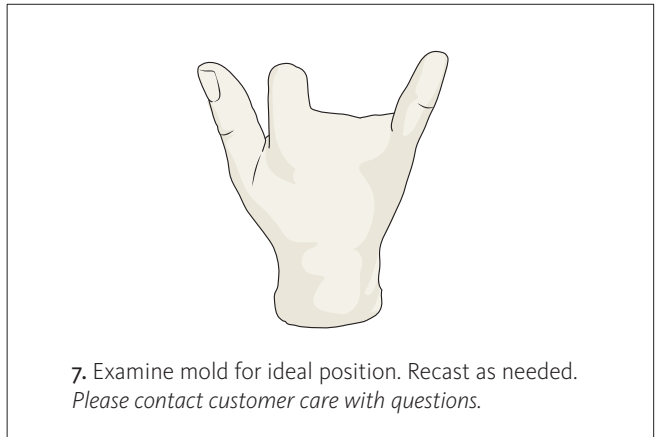
4. After set, remove hand to reveal alginate negative. Wiggle fingers for ease of removal.



5. Pour immediately with plaster or dental stone. Gently rotate bucket to avoid air bubbles. Allow to fully cure before removal. Time of cure may vary.



6. After cure, invert the container to remove the mold. Score the outsides of the alginate with a plastic knife. Demold the impression.



7. Examine mold for ideal position. Recast as needed. *Please contact customer care with questions.*

\*Molds may be rejected if they are out of position or are too short. (See below.)

