

## IHI Molding System

### Step 1

## Prep the Molding Bath

- Fill bath 1/2 full with distilled water
- Set to 165° F (74° C) and heat-up before using
- Test temperature with the thermometer.  
The water bath must be warmed and maintained at 160°-170°F (71-77° C)

## Prepare Your Client

- Make sure your client is wearing a waterproof cape.
- Cleanse client's hair and scalp (if needed)
- Using a grease pencil and frontal design guide (if desired) mark the front hairline and other areas directly on the client's skin
- Wet client's hair, if needed
- Brush client's hair back

## Prepare the Molding Disk

- Re-test water temperature with a thermometer (160°-170° F, 71-77° C)•
- Spray inside of the frame (not hinge) thoroughly with silicone to prevent the disk from sticking.
- Place the proper molding disk in the frame and lock it into position. Note: If you are making a full cap mold or if you have a client with a large head size you should use the Pro-Drape molding disk material to assure complete coverage.
- Place the net liner around the frame/disk and lower it into the compact molding bath.
- Work the submerged frame with a slight movement (using the net liner) in the water bath until the disk is transparent and you can see the netting clearly through the material disk.  
**Caution: Do not leave the frame in the bath unattended.**  
*Approximate time in water bath: 1-2 minutes*
- When transparency is achieved, remove the frame/disk from water using the net liner.
- Place on a towel and gently blot off any excess water.

## Position the Frame on the Client's Head

### Top of Head Disk

- Immediately place the warm, dry frame and disk on top of the client's head with the hinge located at the back and the rivets on closures facing downward.
- Holding the frame on both sides at a slight angle, gently press down on the client's head.

- Once the stretched mold is in place, have the client hold the frame with light pressure.  
Hint: Place the frame at a slight angle on the head. Don't be afraid to let the disk stretch and conform to the shape of the head.

## Pro-Drape Disk

- Have the client tilt their head forward.
- Immediately place the warm, dry frame and disk on top of the client's head with the hinge located at the back and the rivets on closures facing downward.
- Holding the frame on both sides, position the frame at a 45° angle, centered at the crown.
- Stretch the drape disk down to the client's eyebrows and neck area.
- Once the stretched mold is in place, have the client hold the frame with light pressure.  
Hint: Don't be afraid to let the disk stretch and conform to the shape of the head.

## Form the Mold

- Place the elastic headband on the client's head to help form the mold  
**Top of Head Disk:** The headband should be 1" (2.5cm) or more below outer perimeter markings.  
**Pro-Drape Disk:** The headband should be below the ears and lower neck.
- Using your hands and the cooling mitt, begin shaping the mold by firmly pressing the mold against the client's head starting from the outer perimeter and moving to the center.
- While the mold is still transparent, mark the perimeter, part/break, tape tabs etc. of the hair system with the marker.  
Note: For Pro-Drape disks, make sure the nape, temples, and outer perimeter are firm against the head.
- Continue shaping until the mold becomes milky white in color and firm to the touch.
- Gently remove the elastic headband and shape and cool where the headband was placed.
- If everything is satisfactory, re-mark with a permanent marker. If not, you may reshape the mold.

Hint: Shape the mold with one hand and cool with the other. After the perimeter is solid, the client may release the frame.

## Removing the Disk

**Top of Head Disk:** Gently remove the cooled mold from front to back.

**Pro-Drape Disk:** Once perimeter is firm, place one finger on the forehead and one on the neck area. Lift the mold (not the frame) gently away from the skin.

- Let the disk and frame cool completely (approximately 20 minutes).
- Unlatch the locks and gently remove the cold mold from the frame.

- Use the Unlimited Use Scissors to cut the mold to 3" (7.5cm) below the outer perimeter guideline.

Note: When using **Pro-Drape disk** for a full cap, leave the mold intact; do not trim.

## **Important Points to Remember**

ALWAYS: Maintain a thermal bath temperature between 160°-170°F (71-77° C ).

ALWAYS: Spray the inside of the frame (except hinge) thoroughly with silicone.

ALWAYS: Heat the disk until it is transparent.

ALWAYS: Blot excess water off the disk before placing it on the client's head.

ALWAYS: Position the frame at a slight angle during the molding process.

ALWAYS: Extend the mold 3" (7.5cm) beyond the perimeter guideline.

ALWAYS: "Pat" the mold when cooling, do not rub.

ALWAYS: Make your final markings with a black or blue permanent marker only (no red, pink, or orange markers).

ALWAYS: Gently remove the cooled disk from the cold frame.

ALWAYS: Use Pro-Drape Disk for full cap molds.

ALWAYS: Keep the PVC mold that comes with the custom system.

DO NOT: Cut down Pro-Drape full cap molds.

DO NOT: Use the same IHI mold for more than 3 custom orders.