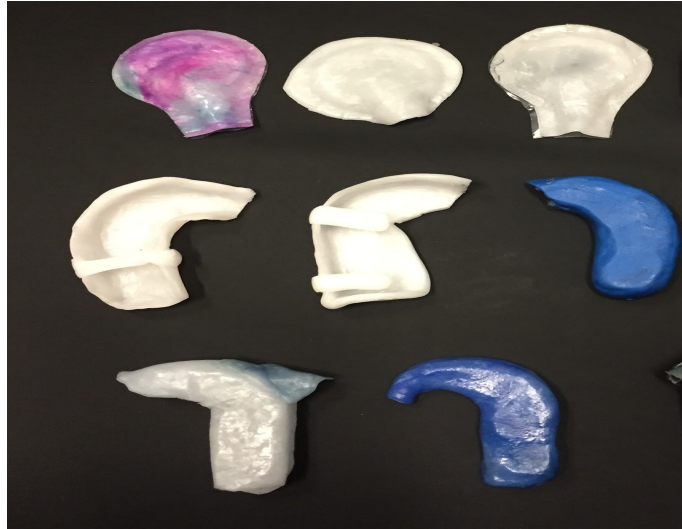


Sample photos of Ear cover prototypes we made from Instamorph.



Making instamorph (<http://www.instamorph.com/>) coil covers:

- 1) Pour instamorph pellets in hot water
- 2) When pellets become clear, take out of water. If you want the plastic to be a color other than white, add the dye to the clump of clear pellets and knead it in with your fingers. For instructions on using dye with instamorph, see this website:

<http://www.instamorph.com/instructions/coloring-dyes>

To get a deep color you must add ALOT of dye. It will stain your fingers but will wash off within a week.

- 3) Flatten the instamorph into a thin sheet by stretching and folding repeatedly. Try not to allow air bubbles to form in the layers.
- 4) Once the sheet is even and thin, heat again and apply directly on top of the coil piece that is laying flat on a table surface.
- 5) With your fingers, press the instamorph down and around the coil piece to get a perfect fit.
- 6) Once the instamorph has cooled, cut off the excess plastic, leaving a small edge around the entire piece.
- 7) To add the inner protective piece, we used waterproof lycra and Plastic Surgery glue. Apply the glue around the bottom edge of the piece. Do not apply glue around the entire piece as there needs to be an opening that the coil will be able to fit in.

8)Place the fabric inside up on a flat surface and press the instamorph piece with glue on top of the fabric. Let it sit for about 30 seconds.

9)Trim the edges of the fabric to match the shape of the instamorph piece.