



Center of Excellence of Prosthetics and Orthotics (CEPO)

CEPO Process for Silicone Prosthesis

All of our silicone prostheses are individually handmade. The basic idea is that our right and left hands and fingers are identical mirrored copies of each other. We use the sound side as a sample to create the prosthesis. The length and shape of the fingers, the wrinkles, and the little details are custom made according to the sound side. The color of the silicone with different shades for the joints, palm side, inner fingertips, around the nail area and base color matches your own natural colors. The acrylic nail's shape, color shades are also identical to the sound side.



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The process requires 2-3 visits in person, each appointment lasts approximately 1-2 hours.

1st appointment: assessment and taking impressions of the stump and sound side, color matching.



Assessment, Casting, and Measurement of the stump and sounds side

2nd appointment: the test socket fitting.

The purpose of making the test socket is to find the best inner shape that fits perfectly on your stump. The test socket is a colorless, thin silicone socket, custom molded from the patient's stump. The test socket also shapes the stump and usually 2-3 differently sized ones are made before final




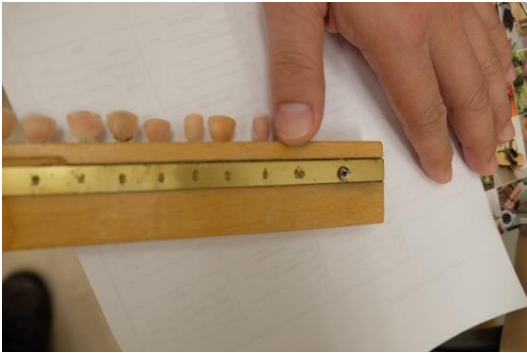
prosthesis fitting. If you can wear the trial socket all day long, and it fits on the stump tightly for two weeks, we can then start making the final prosthesis.

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 **3rd appointment:** Test socket review. Skin and nail color sample checking before starting the final prostheses fabrication. Making the final prosthetics takes two weeks after this appointment. After finishing we send it by courier to your home address or you can come to the clinic to receive.



The skin and nail color matching before making the real silicone prosthesis

The expected lifespan of a silicone prosthesis is around 2-3 years, depending on the way of use. For activities involving a lot of rubbing and friction, we recommend wearing thin threaded gloves.

We can supply the necessary skin and prostheses care lotions. Contact us if you have any further questions.