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# Prosthetic Rehabilitation of A Partially Amputed Right Index Finger Using A Silicon Prosthesis

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**Abstract**

A patient's hand function and social functioning are significantly reduced when one or more hand fingers are amputated due to trauma or congenital absence of one or more phalanges. Passive devices designed to restore the hand's natural appearance are known as aesthetic prostheses. When a patient's amputated finger cannot be surgically repaired, finger prosthesis can help with psychological, functional, and aesthetic rehabilitation. The success of the prosthesis is dependent on careful planning, exacting impression procedures, prosthesis design, and material selection

This article describes the prosthetic rehabilitation of an amputated finger using a glove-type prosthesis customised using silicon elastomers. The patient finds the prosthesis to be both aesthetically pleasing and comfortable to use.

**Keywords:** Silicone Finger prosthesis, Amputated finger, Amputee, Prosthetic finger,Anatomical undercuts, Mechanical mode of retention

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