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Fabrication of a Custom Finger Prosthesis: A Clinical Case Report

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Abstract Amputations involving any portion of a finger can severely affect an individual's mental and physical health. Consequently, restoring the lost digit is crucial. While microvascular reconstruction remains the primary treatment option, it is not always feasible due to medical contraindications, high costs, or a lack of clinical availability. In such scenarios, custom prosthetics offer a vital alternative. This article details a clinical case where a partially amputated finger was successfully restored using room-temperature-vulcanizing (RTV) silicone.

Keywords: Amputation, Digital Prosthesis, Maxillofacial, RTV Silicone Material.

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