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## A Customized Semi-Precision Attachment for Removable Partial Denture

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### ABSTRACT:

Rehabilitating distal extension cases where posterior teeth are missing poses significant challenges in dentistry, particularly when fixed prostheses are not viable due to the absence of distal abutments. In such scenarios, treatment options include implant-supported prostheses, cast partial dentures, and precision attachment-retained dentures. Precision attachments, in particular, offer several advantages:

They help in evenly distributing masticatory forces, thereby reducing trauma to abutment teeth and surrounding soft tissues. Unlike conventional clasps, precision attachments are less visible, improving the overall appearance of the prosthesis. By preserving the sensory feedback mechanism, they contribute to better comfort and functionality for the patient.

A case report detailed the fabrication of precision attachments to retain maxillary partial dentures a customized semi-precision attachment highlighting their efficacy in such rehabilitations.

**Keywords:** Precision attachment, Removable partial denture, Extracoronary attachment, Distal extension, Rehabilitation

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