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Implant Abutment Connections- A Narrative Review

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ABSTRACT

Background: Dental implantology has been a fast growing and brightest prospect in the rehabilitation of both completely and partially edentulous arches. Implant abutment connections have proven to have a significant impact on the success of the prosthetic rehabilitation for an implant-supported restoration. It is a crucial synapse between the implant and the abutment. **Aim:** The aim of this narrative review is to enhance the clinician's knowledge regarding various implant-abutment connections that have evolved from the traditional external hexagon. **Methods:** The comprehensive data were obtained based on the electronic data search about the classification and types of implant abutment connections on Google Scholar and PubMed. **Results:** A total of 40 articles were selected for the purpose of classification and types of implant abutment connections. **Conclusion:** The implant–abutment interface determines the lateral and rotational stability of the implant-abutment joint, which in turn determines the prosthetic stability of the implant- supported restoration.

Keywords: Implant abutment connection, implant-supported restoration, synapse, prosthetic stability

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