









**E – TEACHING/LEARNING SESSIONS FOR POST GRADUATES  
DEPARTMENT OF PROSTHODONTICS AND IMPLANTOLOGY**

**ACADEMIC ACTIVITIES**

<b>S. N O</b>	<b>DATE</b>	<b>LECTURE TOPIC</b>	<b>PRESENTER</b>	<b>FACULTY</b>	<b>PARTICIPATED STUDENTS</b>
1	6.4.2020	Implant Supported Over Dentures- Seminar	Dr.Deepalakshmi. V	Dr.Sridharan.R	6
2	7.4.2020	Review article on connectors in fixed partial dentures – Journal Club	Dr.Jenefer Shekina D	Dr.Sridharan.R	6
3	8.4.2020	Anatomy of lingual vestibule and its relation in denture borders	Dr.Gayathri Devi K	Dr.Sridharan.R	6
4	9.4.2020	Cu-sil dentures – a novel approach to conserve few remaining teeth case report	Dr.Anupriya A	Dr.Sridharan.R	6
5	10.4.2020	Fabrication of dental implants by additive manufacturing method – A systemic review	Dr.Raj Manickam D	Dr.Sridharan.R	6
6	11.4.2020	Novel expandable short dental implants in situations with reduced vertical bone height – technical note and first result	Dr.Nancy Monica R	Dr.Sridharan.R	6



6/11/2020

	OPTION	DESCRIPTION	REMOVABLE PROSTHE
	OD-1 (ideal denture)	Implants in the B and D positions, independent of each other.	Ideal anterior and posterior ridge form. Cost is a major factor. Retention on
	OD-2	Implants in the B and D positions, rigidly joined by a bar.	Ideal posterior ridge form for ideal denture. Cost is a major factor. Retention and minor stability PM-3 to PM-6.
	OD-3 A	Implants in the A, C, and E positions, rigidly joined by a bar if posterior ridge form is good.	Ideal posterior ridge form for ideal denture. Retention and moderate stability PM-3 to PM-6 (two-legged chair).
	OD-3 B	Implants in the B, C, and D positions, rigidly joined by a bar when posterior ridge form is poor.	Division C-h anterior bone volume. Poor posterior ridge form. Retention and stability PM-3 to PM-6.
	OD-4	Implants in A, B, D, and E positions, rigidly joined by a bar cantilevered distally about 10 mm.	Patient desires greater retention, major stability, and support. PM-2 to PM-6 (three-legged chair).
	OD-5	Implants in the A, B, C, D, and E positions, rigidly joined by a bar cantilevered distally about 15 mm.	Patient has high demands or desires. Retention, stability, and support PM-0 to PM-6 (four-legged chair).





7/04/2020

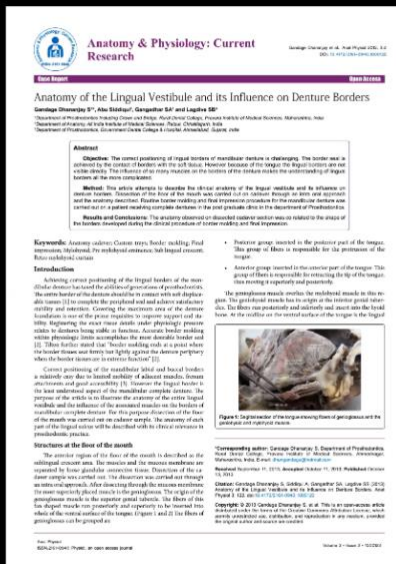
# Review Article on Connectors in Fixed Partial Dentures

Dr. T.JeyanthiKumari MDS  
IOSR Journal of Dental and Medical Sciences  
Volume 17, Issue 11 Ver. 5 (November 2018)



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8/04/2020



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9/04/2020

CU-SIL DENTURES – A Novel Approach To Conserve Few Remaining Teeth: Case Reports

Jayash Kumar Jaina, C R Alanna Prabhu, Mohammed Al Zahran, Mohammed Sayed Al Esawy, Suvil Lingara Ajayaramanavar, Kapil Singh Patil

Journal of International Oral Health 2020



PROFESSOR, ANATOMY  
POSTGRADUATE TEACHER  
DEPT. OF PROSTHODONTICS

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10/04/2020

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JPD  
THE JOURNAL OF PROSTHETIC DENTISTRY

SYSTEMATIC REVIEW  
**Fabrication of dental implants by the additive manufacturing method: A systematic review**  
Thaisa T. Oliveira, DDS<sup>1</sup> and Andréa C. Ielo, PhD<sup>2</sup>

**ABSTRACT**  
Placement of dental implants depends, among other factors, on anatomic conditions such as sufficient bone height and thickness. Thus, individualized dental implants seem to offer benefits to patients with atypical bone resorption. Additive manufacturing has allowed for the fabrication of custom implants with increased resistance and although the efficiency of the process is unclear, it is a potential process for manufacturing dental implants.

**Objective:** The purpose of this systematic review was to evaluate the current situation of additive manufacturing techniques for fabricating dental implants.

**Material and methods:** An electronic search was performed in the databases PubMed, Scopus, Cochrane Library, and Science Direct, with the terms "additive manufacturing" AND "dental implants," "rapid prototyping" AND "dental implants," "3D printing" AND "dental implants," "direct laser melting" AND "dental implants," "selective laser melting" AND "dental implants." The articles were screened, and the final selection of articles was obtained by using the inclusion and exclusion criteria.

**Results:** The database search resulted in 1122 articles, which were screened for title and/or abstract according to the inclusion criteria. From the selected 28 articles, 26 remained after applying the exclusion criteria. These were read completely, resulting in a selection of 11 articles for this systematic review. Owing to the great variety of articles with different objectives, the results were based on a descriptive analysis of the following topics: additive manufacturing techniques and material printed structure and implant design, implant characteristics, mechanical analysis, surface treatment, and microleakage.

**Conclusions:** Additive manufacturing is a new technology that may solve many problems in dental fields. In dentistry, however, further studies are needed to improve the method for manufacturing custom dental implants because no standard methodology is available. Moreover, the advantages and disadvantages of the process are not yet clearly defined. (J Prosthet Dent 2019;121:1-10)

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11/04/2020

ID: 985-881-177 Stop Share

# Novel expandable short dental implant in situations with reduced vertical bone height—technical note and first result.

Reich W, Schweyen R, Heinzelmann C, Hey J, Al-Nawas B, Eckert AW  
Int J Implant Dent. 2017 Oct 30;3(1):46.

Dr.Nanc

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