

Accepted Manuscript

Increasing the accuracy of mandibular reconstruction with free fibula flaps using functionalized selective laser-melted patient-specific implants A retrospective multicenter analysis

Majeed Rana, MD, DDS, Shih-Jan Chin, DDS, Thomas Muecke, MD, DDS, Marco Kesting, MD, DDS, Alexander Groebe, MD, DDS, Bjoern Riecke, MD, DDS, Max Heiland, MD, DDS, Prof, Nils-Claudius Gellrich, MD, DDS, Prof

PII: S1010-5182(17)30135-X

DOI: [10.1016/j.jcms.2017.04.003](https://doi.org/10.1016/j.jcms.2017.04.003)

Reference: YJCMS 2653

To appear in: *Journal of Cranio-Maxillo-Facial Surgery*

Received Date: 12 July 2016

Revised Date: 25 January 2017

Accepted Date: 10 April 2017

Please cite this article as: Rana M, Chin S-J, Muecke T, Kesting M, Groebe A, Riecke B, Heiland M, Gellrich N-C, Increasing the accuracy of mandibular reconstruction with free fibula flaps using functionalized selective laser-melted patient-specific implants A retrospective multicenter analysis, *Journal of Cranio-Maxillofacial Surgery* (2017), doi: 10.1016/j.jcms.2017.04.003.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Increasing the accuracy of mandibular reconstruction with free fibula flaps using
functionalized selective laser-melted patient-specific implants**

A retrospective multicenter analysis

Majeed Rana, MD, DDS^{1†}

Shih-Jan Chin, DDS^{1†}

Thomas Muecke, MD, DDS²

Marco Kesting, MD, DDS²

Alexander Groebe, MD, DDS³

Bjoern Riecke, MD, DDS³

Max Heiland, MD, DDS, Prof³

Nils-Claudius Gellrich MD, DDS, Prof¹

¹ Department of Craniomaxillofacial Surgery, Hannover Medical School, Germany

² Department of Oral and Maxillofacial Surgery, Technical University Munich, Klinikum Rechts der Isar, Germany

³ Department of Oral and Maxillofacial Surgery, University Medical Center Hamburg-Eppendorf, Germany

† Contributed equally

Corresponding address

Priv.-Doz. Dr. Dr. Majeed Rana

Department of Craniomaxillofacial Surgery

Medizinische Hochschule Hannover

Carl-Neuberg-Str. 1

D-30625 Hannover

Germany

Tel.: +49-511-532-4877

Fax: +49-511-532-4740

Email: rana.majeed@mh-hannover.de

Download English Version:

<https://daneshyari.com/en/article/5640064>

Download Persian Version:

<https://daneshyari.com/article/5640064>

[Daneshyari.com](https://daneshyari.com)