#### JPD SAMPLE TITLE PAGE

Assessment of reliability of CAD/CAM tooth-colored implant custom abutments

Nuno M. Guilherme, DMD, MS, MSD,<sup>a</sup> Kwok-Hung Chung, DDS, MS, PhD,<sup>b</sup> Brian D. Flinn, MS, PhD,<sup>c</sup> Cheng Zheng, PhD,<sup>d</sup> and Ariel J. Raigrodski, DMD, MS<sup>e</sup>

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<sup>a</sup>Graduate student, Graduate Prosthodontics, Department of Restorative Dentistry, School of Dentistry, University of Washington, Seattle, Wash.

<sup>b</sup>Professor, Department of Restorative Dentistry, University of Washington School of Dentistry, Seattle, Wa.

<sup>c</sup>Research Associate Professor, Materials Science & Engineering, University of Washington School of Engineering, Seattle, Wash. <sup>d</sup>Assistant Professor, Biostatistics, Joseph J Zilber School of Public Health, University of Wisconsin, Milwaukee, Wis.

<sup>e</sup>Professor, Department of Restorative Dentistry, University of Washington School of Dentistry,

Seattle, Wash.

Corresponding author:

Dr Kwok-Hung Chung

Department of Restorative Dentistry, University of Washington

1959 NE Pacific Street, D-770 HSC

Box 357456

Seattle, WA 98195-7456

Email: akchung@uw.edu

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#### SAMPLE STRUCTURED ABSTRACT

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**Statement of problem.** Patient perspectives on the treatment options for maxillary defects, which include free tissue transfers or obturator prostheses, may help eliminate current uncertainty as to the best choice of treatment plan.

**Purpose.** The purpose of this systematic review was to evaluate the quality of life (QoL) of patients with maxillary defects who had undergone restoration with obturator prostheses and/or free tissue transfers.

Material and Methods. A systematic search of Medline/PubMed and Web of Science databases for articles published before April 2015 was performed by 2 independent reviewers. A manual search of articles published from January 2005 to March 2015 was also conducted. Studies published in English that evaluated the QoL in patients with head and neck cancers were included. The Cohen kappa method was used to calculate interreviewer agreement. Results. Ten studies were included. The University of Washington Head and Neck Questionnaire (UW-QOL) was most commonly used to measure QoL. The majority of maxillary defects were Class IIa-b. Two studies reported that the global QoL for patients with obturator prostheses is equivalent to or even better than that of other chronic disease populations. One study revealed no significant difference in QoL when the 2 treatment options were compared.

**Conclusions.** The limited data indicate that the QoL of patients treated with obturator prostheses and that of patients free of tumors is similar. Well-designed clinical studies are necessary to draw definitive conclusions about how obturator prostheses compare with free tissue transfers in terms of affecting patient QoL.

## **CLINICAL IMPLICATIONS**

Traditionally, maxillary defects can be reconstructed using obturator prostheses or microvascular free tissue transfers, but no current consensus has been published as to the more effective treatment option. Obturator prostheses seem to restore the QoL of patients with such defects almost completely. This trend was not observed in patients treated with free tissue transfers.

#### JPD SAMPLE REFERENCES PAGE

#### REFERENCES

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## SAMPLE FIGURES PAGE

# **FIGURES**

Fig. 1. Hot wax spatula in trough around metal housing.



Fig. 2. Removed metal housing with retentive insert.

