



Surgery Research and Practice

Special Issue on  
**Surgical Considerations for Implant Placement in  
Atrophic Posterior Mandible**

CALL FOR PAPERS

Long term studies have documented that the restoration of partial or completely edentulous jaws with an implant-supported fixed prosthesis is a predictable treatment option. However, the placement of implants in a significantly resorbed alveolar ridge can be very challenging. The complexity of restoring a vertically resorbed posterior mandible is complicated by the location of the inferior alveolar nerve (IAN). Mandibular atrophy creates a decreased distance between the crestal bone and the IAN, often times precluding implant placement. Various procedures are available to rehabilitate physiologic and pathologic bone loss in the posterior mandible. Regenerative approaches including guided bone regeneration, use of block grafts, and ridge splitting techniques have shown success in regenerating bone in this area. While these procedures may predictably restore the ridge width, there is still controversy among clinicians which techniques are preferable in different clinical situations. This special issue of this journal is aimed at contributing to the growing body of existing literature examining the surgical options for atrophic posterior mandible and their important role in implant dentistry. We invite investigators to contribute original research and review articles exploring all aspects of surgical implant placement and restoration of atrophic posterior mandible area. We are particularly encouraging innovative research that can further our scientific understanding of the healing of soft and hard tissue, including clinical and translational studies, in the area of the posterior mandible.

Potential topics include, but are not limited to:

- ▶ Case selection criteria for treatment options for atrophic posterior mandible
- ▶ Peri-implant soft tissue management and augmentation techniques
- ▶ Various ridge augmentation techniques in posterior mandible area
- ▶ Surgical and restorative considerations for immediate implant placement and immediate provisionalization
- ▶ Comparison of different treatment options in posterior mandible
- ▶ Clinical significance of socket morphology for immediate implant placement in premolar and molar region
- ▶ Various provisionalization techniques after implant placement

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/srp/scip/>.

**Lead Guest Editor**

Sang-Choon Cho, New York University,  
New York, USA  
[scc2@nyu.edu](mailto:scc2@nyu.edu)

**Guest Editors**

Angela R. Kamer, New York University,  
New York, USA  
[ark5@nyu.edu](mailto:ark5@nyu.edu)

Seong J. Heo, Seoul National University,  
Gwanak District, Republic of Korea  
[0504heo@hanmail.net](mailto:0504heo@hanmail.net)

**Manuscript Due**

Friday, 6 November 2015

**First Round of Reviews**

Friday, 29 January 2016

**Publication Date**

Friday, 25 March 2016