

Every Great Story Starts With a First Time : A Beginner's Guide to Sinus Surgery.

Dr. Son Young Whee

Implant-based restoration of edentulism has become a routine treatment in modern dentistry. Nevertheless, anatomical limitations often hinder the placement of implants of adequate length, complicating treatment outcomes. Among these, the posterior maxilla poses a particular challenge due to the presence of the maxillary sinus, which reduces vertical bone height. Following tooth loss in this region, progressive pneumatization of the sinus further accentuates the reduction in vertical bone volume.

Consequently, sinus augmentation procedures are frequently required for implant placement in the posterior maxilla, though complications such as sinus infection may occur in a proportion of cases. Achieving predictable and stable sinus bone grafting necessitates a comprehensive understanding of the anatomical and physiological characteristics of the maxillary sinus. Moreover, immediate and appropriate management of surgical complications is essential to prevent implant failure.

This lecture aims to provide clinicians who are beginning sinus surgery with practical guidance for safer and more predictable outcomes. Topics include preoperative patient evaluation and medication, surgical techniques and tips, postoperative patient care, and management of complications, illustrated through clinical case presentations.

Profile

- * Trained at the Dept. of Oral & Maxillofacial Surgery, Chonnam National University Hospital
- * PhD. Dept. of Dentistry, Chonnam National University Graduate School
- * Present, Associate Professor, Dept. of Oral & Maxillofacial Surgery College of Medicine, Hallym University
Diplomate, Korean Board of Oral & Maxillofacial Surgery
Director, e-Good Dental Clinic