

## To Graft or Not to Graft, That is the Question ...

Dr. David Chong / Think Dental Group Clinic (USA)

Maxillary sinus augmentation, or sinus floor elevation, is a commonly performed procedure before dental implant placement in posterior maxillae with severe bone loss. While bone grafting is often used in this procedure, sinus membrane elevation without grafting is also a viable option.

Opting for maxillary sinus lift without bone grafting has several advantages over conventional grafting techniques, including minimizing the risk of infection and simplifying the surgical process. By eliminating the need for graft material, this approach can also reduce postoperative complications, such as ostium blockage, which can lead to an infection and failure in sinus lift procedures that involve bone grafting.

However, it is important to note that using no bone graft material may not provide sufficient support for optimal healing and long-term success. This is due to the limited space-maintenance ability of blood-clot formation alone.

Ultimately, the decision to perform maxillary sinus lift with or without bone grafting should be made based on various factors, such as individual clinical and radiographic findings, the anatomy of the maxillary sinus, the degree of bone loss, the risk of infection, and the desired surgical outcomes.

This presentation will thoroughly exam various factors relate to this topic, backed by evidence-based research and practical experience

### Profile

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