



Management of various Maxillary Sinus Augmentation Complications



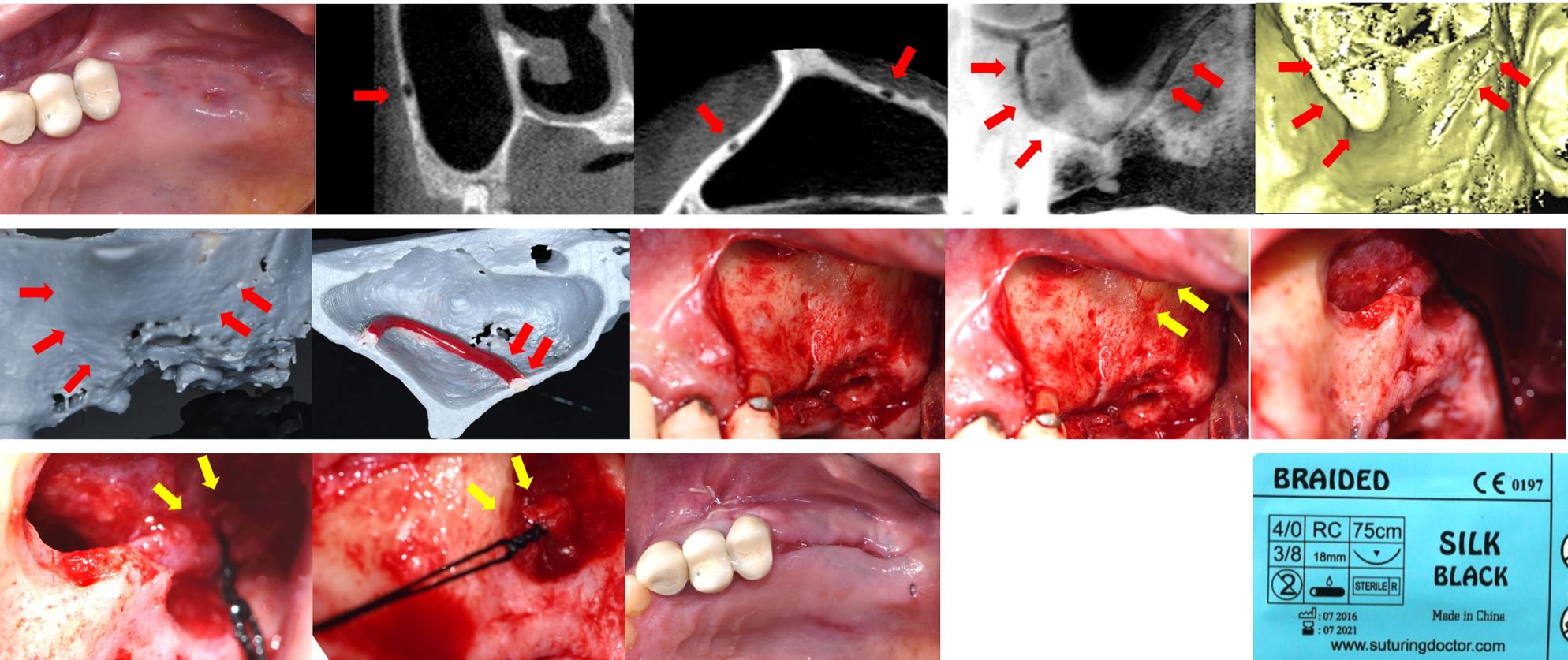
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ABSTRACT

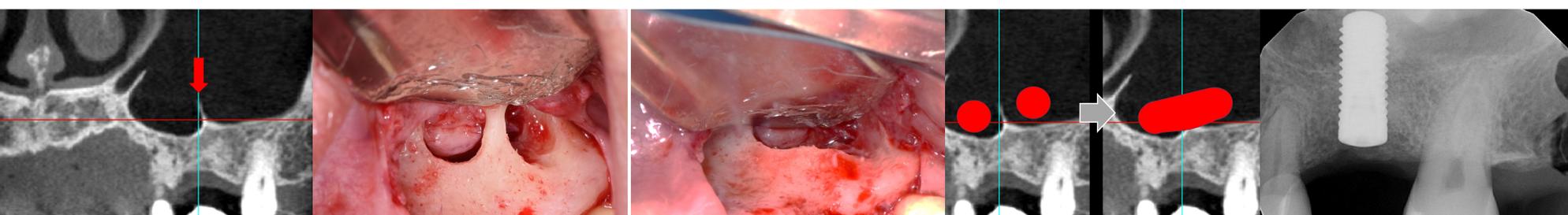
Maxillary sinus augmentation (SA) through a lateral window has been extensively reported as a highly predictable augmentation procedure with low morbidity for restoring bone in the severely resorbed edentulous maxillary posterior arches. However, as in all surgical procedures, various complications may arise during or after maxillary sinus graft. To prevent complications of maxillary sinus

grafting, it is necessary to know the contra-indications, both for general implantation and for maxillary bone grafting. In addition, presence of various complications requires careful consideration of treatment methods and clinicians should be familiar with the treatment protocols. The purpose of this presentation is to show management of challenging Max. sinus augmentation cases.

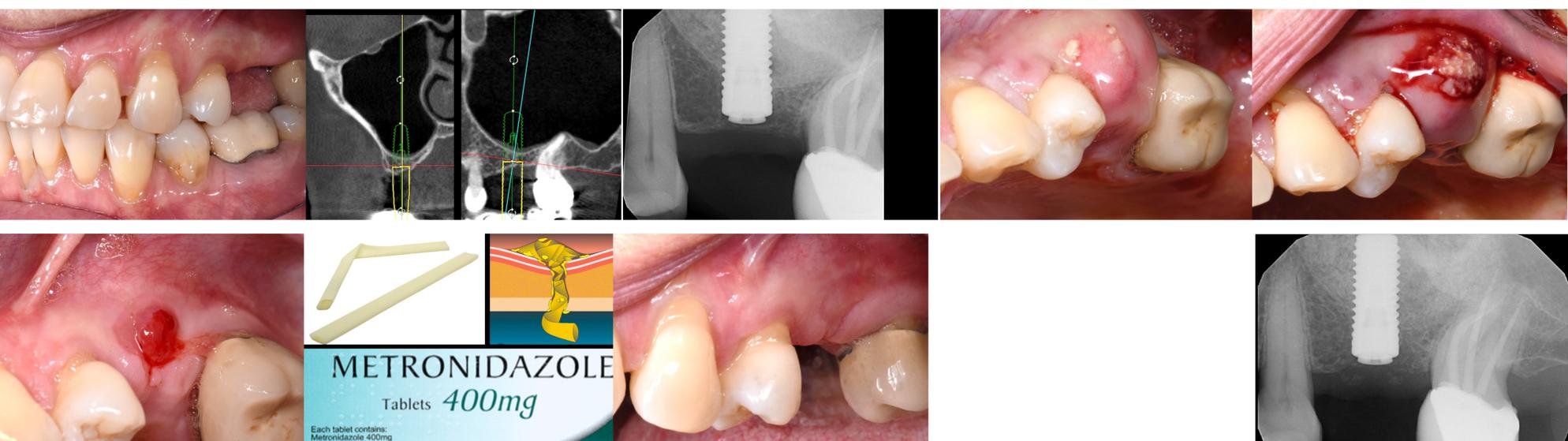
Case 1 (Max Sinus Bleeding)



Case 2 (Max Sinus Membrane Perforation)



Case 3 (Max Sinus Infection)



CONCLUSION

Maxillary sinus augmentation is a sensitive technique that sometimes involves a high risk of complications. Therefore, radiographic evaluation such as panorama and CBCT should be considered to avoid and manage complications such as the risk of bleeding, infection, and membrane perforation.

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