

## Article: Masterclass in Implant Dentistry: Lateral window Sinus Floor Elevation technique. Todorovic, Snyman, van Zyl, page 6

- Which of the following statement/s are correct regarding sinus floor elevation (SFE):
  - Radiography should be used immediately after SFE surgery to verify that the graft is contained and that the Schneiderian membrane was not torn during the packing process.
  - Radiography should only be used two months after SFE surgery to verify that the graft is contained and that the Schneiderian membrane was not torn during the packing process.
  - A specialized measuring probe should be used immediately after SFE surgery to verify that the graft is contained and that the Schneiderian membrane was not torn during the packing process.
  - The patient must breathe through the nose immediately after SFE surgery to verify that the graft is contained and that the Schneiderian membrane was not torn during the packing process.
- Which of the following statement/s are correct regarding filler grafts in SFE:
  - Autologous bone is considered the gold standard for grafting due to its high osteoinductive potential and desirable biological response. This has and always will be the case
  - Biomaterials such as xenografts, allografts and some alloplastic materials have been shown to be suitable for SFE grafting procedures
  - Biomaterials such as xenografts, allografts and some alloplastic materials should never be used for SFE grafting procedures
- Which of the following statement/s are correct when planning the incision for SFE procedures:
  - The only factor of importance for incision design is whether the patient is partially or fully edentulous in the area of planned lateral window
  - The planned position and size of the lateral window mainly determines the flap design, but other factors may also play a role
  - A partial-thickness mucoperiosteal flap is always elevated, by making a mid-crestal incision and two vertical releasing incisions.
- Which of the following statement/s are incorrect regarding the use of a membrane over the lateral window in SFE procedures:
  - All studies have found that the presence of a barrier membrane over the window is essential in determining the amount of vital bone formation after sinus augmentation.
  - Some studies have found that the presence of a barrier membrane over the window does not influence the amount of vital bone formation after sinus augmentation.
  - Placement of a barrier membrane does not provide graft stability and does not prevent lateral graft displacement through the sinus antrotomy.
- Which of the following statement/s are correct regarding one stage versus two stage protocol in lateral window SFE procedures:
  - A one stage (simultaneous) approach implies that both sinus floor elevation and implant placement is done during the same session.
  - A one stage (simultaneous) approach implies that the sinus floor elevation is done in one stage and 9 months later the implant placement is done in one stage.
  - Sufficient sub-antral residual alveolar ridge height is the most important criterion and the threshold of  $\geq 10$  mm was traditionally declared for considering a one stage implant protocol.
- Which of the following statement/s are correct regarding sinus floor elevation (SFE):
  - For single-tooth gaps with favourable narrow sinus anatomy and predominantly autologous bone graft using a 3–4 months healing time should be sufficient.
  - For edentulous cases with wide sinus anatomy and predominantly autologous bone graft using a 2 month healing time should be sufficient.
  - In cases with so-called “eggshell” sinus floor, augmented with bone substitute only, a total healing period of 24 months is needed before implant installation
- Which of the following statement/s are correct regarding filler grafts in SFE:
  - Autologous bone was considered the gold standard for grafting due to its high osteoconductive potential with no osteoinductive potential
  - Biomaterials such as xenografts, allografts and some alloplastic materials have been shown to be suitable for SFE grafting procedures
  - Biomaterials such as xenografts, allografts and some alloplastic materials should never be used for SFE grafting procedures
- Which of the following statement/s are correct when planning the incision for SFE procedures:
  - In the case of a one-staged approach with an inadequate amount of attached gingiva, the crestal incision can be placed slightly more towards palatal. This will ensure a wider band of attached keratinized mucosa buccal of the placed dental implant
  - A partial-thickness mucoperiosteal flap is always elevated three teeth either side of planned window, by making a mid-crestal incision and two vertical releasing incisions.
  - The anterior and posterior releasing incisions should be over the anterior and posterior border of the lateral window, as this could lead to excellent wound healing and dehiscence formation.

- Which of the following statement/s are correct regarding the presence of Underwood’s septa in the maxillary sinuses:
  - Sinus septa are mostly present in the premolar/first molar region and are more commonly found in edentulous atrophic maxillae than in dentate maxillae
  - Schneiderian membrane perforation is not significantly associated with the presence of sinus septa.
  - The use of CBCT imaging is not a useful tool in studying the anatomy of the maxillary sinus to determine the presence, location, number, morphology, and height of sinus septa.
- Which of the following statement/s are correct regarding lateral window SFE procedures:
  - A high graft packing density through excessive compaction of grafting particles should be avoided to optimise the macrostructural environment for bone regeneration.
  - During packing a “bounce-back” of the Schneiderian membrane will be noticed and this indicates the Schneiderian membrane is torn
  - The positive effects of PRF-xenograft combination in promoting angiogenesis of newly bone formations has been shown to be essential in successful SFE

## Article: Intentional replantation, Gherasim, page 24

- Which statement is correct. Intentional replantation should only be used where apical surgery is not feasible due to:
  - Poor access
  - The proximity of the apical area to nerves or other anatomical structures.
  - Neither of the above
  - Both of the above
- In cases where no orthodontic extrusion was performed prior to intentional replantation, the success rate reported for the procedure was:
  - 72%
  - 83%
  - 94%
  - 64%
- The benefits of intentional replantation include:
  - Procedure of relatively low difficulty with a high success rate
  - Less invasive than apical surgery
  - Inexpensive, quick procedure in comparison with apical surgery.
  - All of the above
  - None of the above
- When the patient in the case described returned to the practice after eight months, which treatment option was selected:
  - Extraction and replacement with a single implant supported crown.
  - Apicoectomy
  - Intentional replantation of LL7
- In the case described, complete removal of the granulation tissue was not possible due to:
  - The size of the bone defect
  - The patient having a limited mouth opening
  - Neither of the above
  - Both of the above

## Article: Conservative smile makeover using resin infiltration and microabrasion. Khan, page 52

- The use of which method does the author describe for cleaning stained fissures, with cavities only just forming in dentine:
  - Air polishing
  - Air abrasion
  - Bur
- In the case described, with what was the patient diagnosed:
  - Chronic marginal gingivitis
  - Orthodontic crowding
  - Severe generalised enamel hypoplasia
  - All of the above
  - None of the above
- What treatment option for the patient was not offered?
  - Direct composite restoration
  - Indirect veneer restorations
  - Crowns
  - Microabrasion
- Which statement is correct: According to the author, evidence suggests that:
  - Failures in less than five years tend to be more technique associated
  - Failures in less than five years tend to be due to secondary caries
  - Failures after five years tend to be more technique associated
- Which statement is correct: The orthodontic treatment included:
  - 14 months of labial (ceramic) fixed braces to improve alignment, relieve crowding and improve gingival level symmetry
  - 24 months of labial (ceramic) fixed braces to improve alignment, relieve crowding and improve gingival level symmetry
  - 6 months of labial (ceramic) fixed braces to improve alignment, relieve crowding and improve gingival level symmetry