Emdogain®

Surgical Procedure
Treatment with Emdogain®

Root cement

Periodontal ligament

Alveolar bone (Gingival)
Pre Surgical procedure

**Careful patient selection:**
Oral hygiene, smoking etc.

- Cleaning, scaling, reducing degree of inflammation
- Follow up after 2-3 month, measurement of PD, tooth stability

→ Periodontal disease has to be eliminated
Surgical procedure

- Remove any remaining plaque and/or calculus as well as blood from root surfaces exposed during periodontal surgery
- Apply PrefGel™ onto exposed root surfaces for 2 minutes
- Rinse thoroughly with sterile saline
- Avoid recontamination of the conditioned root surfaces after the final rinse and prior to treatment with Emdogain®
Surgical procedure

incision flap elevation scaling, root planing
Surgical procedure

conditioning  application  suturing
A small access flap, just large enough for instrumentation and good view
Reflection of soft tissues to expose periodontal defect
Final debridement of root surface
Root surface conditioning with PrefGel™
Rinsing with sterile saline

Maintain surface free of blood and/or saliva
Application of Emdogain®
Modified mattress suture
Soft tissues replaced in preoperative position and sutured
Postsurgical follow-up/maintenance

Day of operation:

• Start rinsing with chlorhexidine solution (0.2-0.12%)
• Refrain from/minimize smoking
• Do not brush the area of the operation
• Avoid hard and crispy food
• (Antibiotics, if deemed appropriate based on the clinician’s judgement)

Wound stability & infection control
Postsurgical follow-up/maintenance

Week 1 postsurgery:

• Removal of sutures which no longer add to the stability of the healing wound
• “Professional tooth cleaning” as needed
• Continue to rinse with chlorhexidine solution (or to apply chlorhexidine gel locally in the operated area)
Postsurgical follow-up/maintenance

2 - 6 weeks postsurgery:

• Removal of any remaining sutures
• “Professional tooth cleaning” as needed
• Continue to rinse with chlorhexidine solution (or to apply chlorhexidine gel locally in the operated area)
• Week 4 start careful toothbrushing in the operated area on buccal/lingual surfaces, but not interproximally
Postsurgical follow-up/maintenance

6 weeks postsurgery:

- Stop rinsing with chlorhexidine
- “Professional tooth cleaning” as needed
- Start interproximal tooth cleaning in the operated area
- Fluoride application as needed
- Decide on subsequent (individual) recall schedule
Postsurgical follow-up/maintenance

6 to 12 months

- Adequate tooth cleaning in the operated area
- Decide on subsequent (individual) recall schedule
- x-rays at 12 months
Post-surgical follow-up

• No probing before 6 months!
• Follow-up radiographs at 12 and 24 months
• Individual recall program