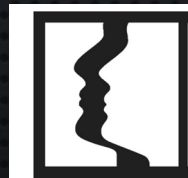


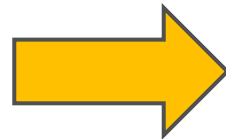
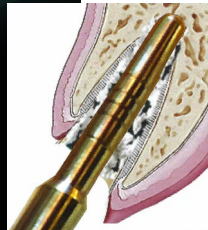
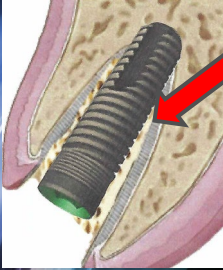
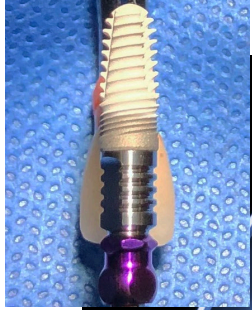
A NOVEL TECHNIQUE FOR SIMULTANEOUS ALLOPLASTIC GRAFTING WITH IMMEDIATE POST- EXTRACTION IMPLANT PLACEMENT

LARRY D. TOWNING DDS, MD



East Ohio Oral and
Maxillofacial
Surgery Inc.

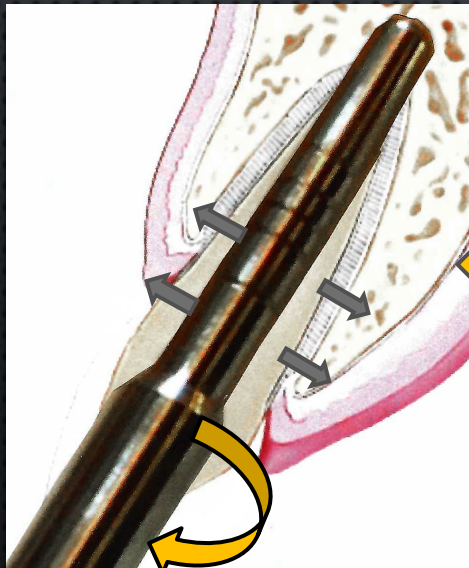
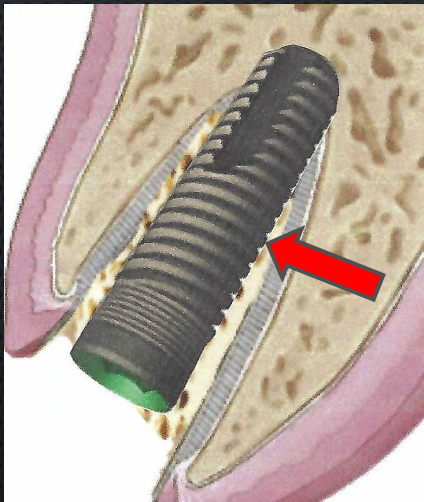
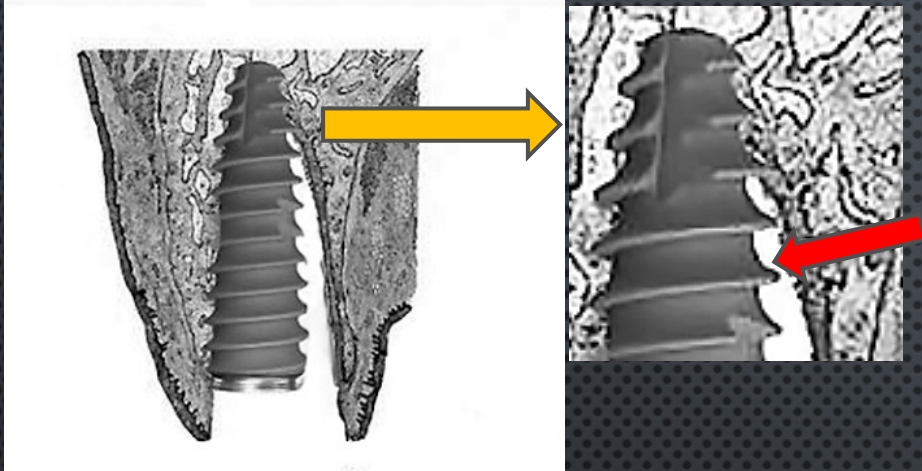
Alloplastic Graft Material



LATERAL CONDENSATION OF GRAFT MATERIAL

Surgical Sequence:

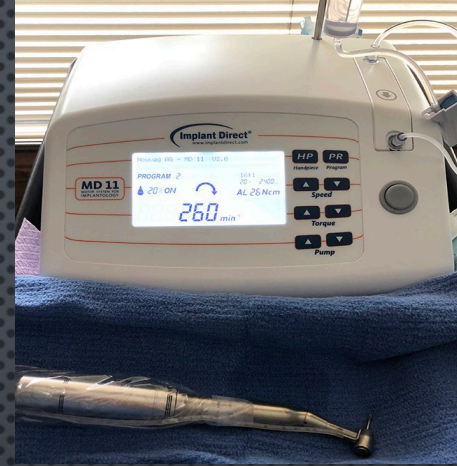
1. Atraumatic Extraction
2. Single rooted tooth (possible exception Maxillary 1st Bicuspid)
3. Socket debridement
4. Prep 3-4mm beyond anatomic apex
5. Verify primary stability with implant body or tap
6. Temporarily remove implant
7. Place graft material
8. **LATERALLY CONDENSE GRAFT MATERIAL WITH SEQUENTIAL OSTEOTOMES** (consider hand re-prep of apical osteotomy)
9. Replace implant



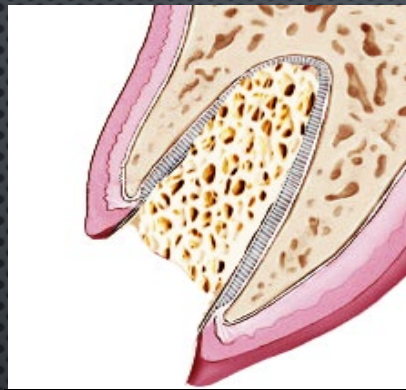
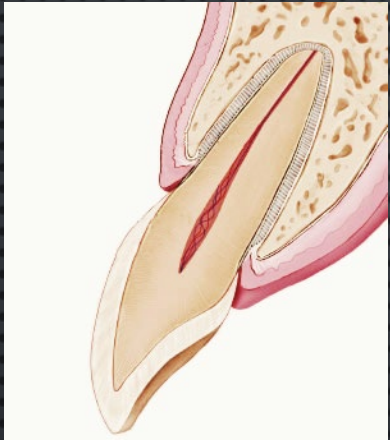
LATERAL CONDENSATION OF GRAFT MATERIAL: ARMAMENTARIUM



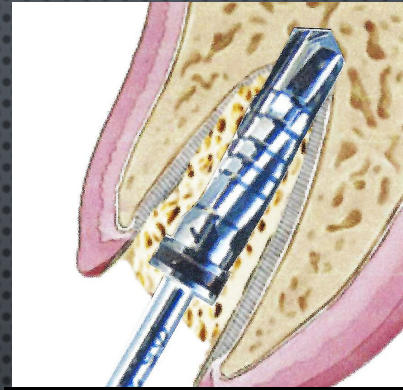
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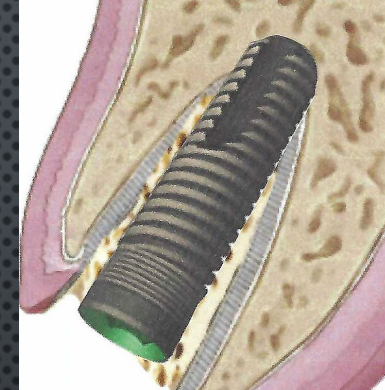
LATERAL CONDENSATION OF GRAFT MATERIAL: SURGICAL TECHNIQUE



Extraction Socket



Implant Osteotomy

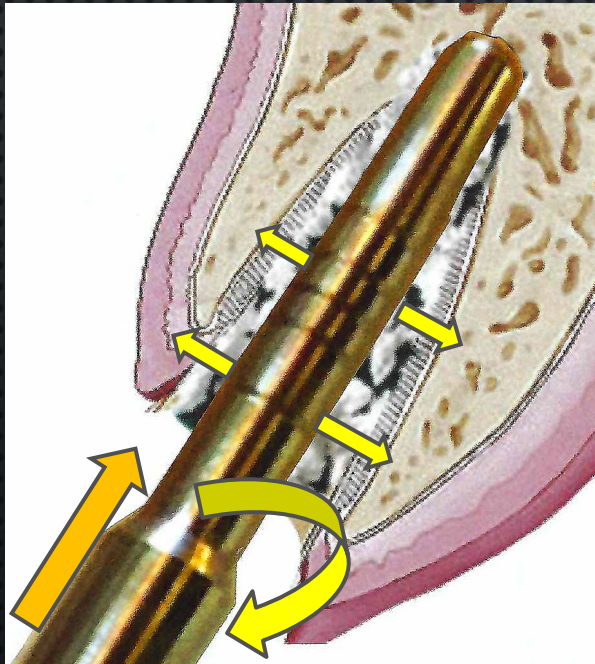


Verify Primary Stability

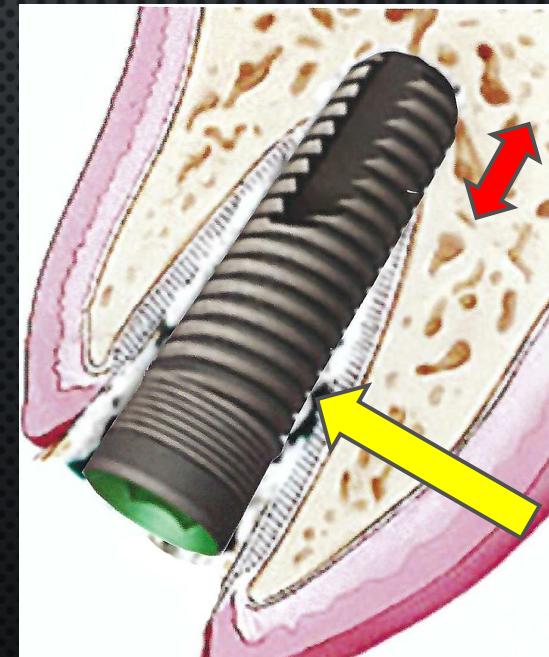


Place Graft Material

Osteotome
Lateral
Condensation
of Graft
Material



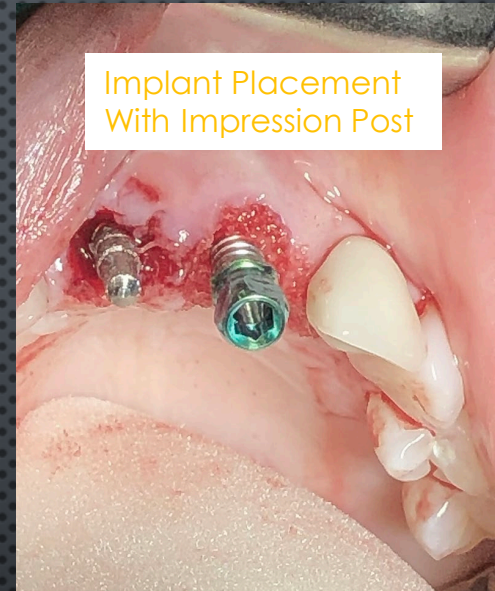
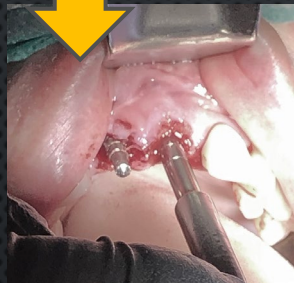
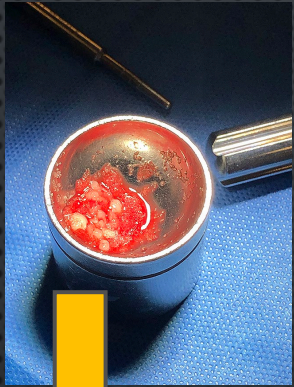
Implant Body in
place, Primary
stability with 3-4mm
apical prep



3 to 4mm
apical prep
for primary
stability

Laterally
Condensed
Graft material

LATERAL CONDENSATION OF GRAFT MATERIAL: CLINICAL CASE



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