Interface with Professional Partners
Avenues of Assistance

- Sinus elevations
- Ridge augmentation
- Immediate Implants
- Implants in the esthetic zone
- Orthodontic space problems
- Extraction-socket development
Maxillary first molar
Allograft + Emdogain + Short acting collagen membrane
Plan case

Relationship of osteotomy to final crown
Two Types of Surgical Templates

- Higginbottom
- Straumann Guided Surgery
3 months post-op
Ridge augmentation

Sinus elevations

Implants in the esthetic zone

Orthodontic space problems

Immediate Implants

Extraction-Socket development
Relative Difficulty

Horizontal — Most Predictable

Vertical — Difficult

2-3mm
Maxillary second bicuspид
Allograft + Emdogain + Titanium PTFE

Retention screw
Plan case

Relationship of osteotomy to final crown
Two Types of Surgical Templates

Higginbottom

Straumann Guided Surgery
3 months post-op
Sinus elevations

Ridge augmentation

Immediate Implants

Implants in the esthetic zone

Orthodontic space problems

Extraction-Socket development
Pre-Op 7 years
Fractured
Extraction
Immediate
Sinus elevations
Ridge augmentation
Immediate Implants
Implants in the esthetic zone
Orthodontic space problems
Extraction-Socket development
Endoscopy/Orthodontic extrusion/Immediate place
Sinus elevations

Lateral ridge augmentation

Immediate Implants

Implants in the esthetic zone

Orthodontic space problems

Extraction-Socket development
CC: “Improve my smile”
Worn dentition
Retained implant

Retained “e’s”
Corticotomies (SAOO)  

Fixed orthodontics
Space prepared for implants
When to refer extractions In general

- Probing depths of 5 mm or greater
- Target tooth
- Adjacent teeth
When to refer extraction

Specifics

-Dentist’s comfort level

-Proximity to:
  IAN, Sinus, Mental foramen

-Tortuous tooth anatomy
-Loss of facial/lingual plate
-Contiguous peri-apical lesion
-Other
Possible solutions for complicated extractions

Need to develop implant site
Missing facial plate

Membrane trimmed
Titanium reinforced membrane Fitted
Screw for stabilization
Site development Failed implants

2012

2015

2015
Removal  Socket Enhancement

At surgery

6 months
Avenues of Assistance

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Cases
Case 1 Initial Presentation
Brackets placed
Surgically Assisted Osteogenic Orthodontics

SAOO Maxilla / Mandible
Provisional restorations
Case 2 Initial Presentation
Lateral Ridge Augmentation—Connective Tissue Graft
SAOO performed at same surgery
Planning

Surgical template
Provisional abutments/ provisionals made before surgery
Habit device constructed
Post GBR/CT Pre implant surgery
Initial examination

Definitive restorations