Show and Tell

Department of Periodontics

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LSU School of Dentistry

June 9th, 2018
Soft Tissue Surgery
Microsurgical Training

Mock Ligation of an Artery

10-0 Sutures
Patient MB

Initial

Excisional Biopsy

Histopathology

Localized Juvenile Spongiotic Gingival Hyperplasia

Courtesy of Dr. Katrina Cordell, LSU Oral Pathology
Connective Tissue Graft

Coronally Advanced Flap
Patient RB

Lack of Vestibular Depth

Lack of Attached Keratinized Tissue
Recipient site prepared  FGG harvested
Recipient site preparation

Lateral positioning of pedicle
Esthetic Crown Lengthening
Patient TH
Asymmetrical Gingival Contour
Gingivectomy

Initial

Gingivectomy
Closure

6 Months
Guided Tissue Regeneration
Patient DT
Defect Grafted w/ FDBA + Collagen membrane
Closure
Tissue Regeneration: Posterior Teeth

Initial

8 months

Initial

8 months
Tissue Regeneration: Anterior Region

Initial | 8 months

Initial | 8 months
• 2015: Patient presented to LSU Periodontics for evaluation
• 2015 – 2017: Patient undergoes non-surgical therapy
• Late 2017: Presented unannounced with unusual request...
Patient LC

Horizontal and Vertical Ridge Deficiencies
Degranulation of lesion

Defect Grafted with FDBA
Amnion-chorion membrane adaptation

Closure
Guided Bone Regeneration, Sinus Augmentation, & Dental Implants
Initial

Two weeks

Sectional CT confirming ridge augmentation
CBCT Guided Implant Surgery - Anatomage
4x implants placed at depth

Post-placement Panorex
Closure with tissue punches

4 months post op

2 weeks post uncovering
Patient PE
Surgical Plan:

- Extraction + ridge preservation of hopeless maxillary teeth
- Maxillary Right: Lateral Window Sinus Lift
- Maxillary Left: Implant placement with crestal sinus lift
- Mandibular Arch: Implant supported hybrid restoration
Extraction & Ridge Preservation

Initial

Extraction ridge preservation
Maxillary Right- Lateral Window Sinus Lift

6 weeks post extraction

Reflection
Primary Closure

Graft Stability Verified
Flap extension and reflection
Bone Reduction
Osteotomy Preparation

Implant Placement

Verifying Primary Stability
6 x implants placed

Multi-unit abutments seated

Closure
Interim Hybrid Prosthesis Delivered
Courtesy of Dr. Katie Chang
Thank you

- Dr. Palaiologou-Gallis
- Dr. Evans
- Dr. Maney
- Dr. Owens
- Dr. Dragonas
- Dr. Spindler
- Dr. Simmons
- Dr. McCabe
- Dr. Islam
- Dr. Saenz
- Dr. Pearson
- Dr. Comeaux
- Dr. Finley
- Dr. Soileau
- Dr. Sweidan
- Dr. Lester
- Dr. Hernandez
- Dr. Jackson
- Dr. Brisco
- Delethia Scott
- Melissa Johnson
- Alana Harris
- Mery Orellana
- Liz Mayer
- Shelly Kattengal
- Bonnie Stepahny
- My Co-Residents