

MVH Grand Rounds – Evolution of Head and Neck Reconstruction: Advances in Oromandibular Reconstruction August 1, 2024



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TEXT ATTENDANCE

Please text 2382 to 855-618-2034 to submit your attendance for this grand rounds event.

You have 60 minutes prior, during and 120 minutes after the end of the event to text in your attendance.

The evaluation for this event will be sent once you text your attendance in. You must complete the evaluation to get your CME certificate.

Any questions please contact India Myers (<u>ilmyers@premierhealth.com</u>) or Dana Mackert (<u>dlmackert@premierhealth.com</u>

EVALUATION WILL CLOSE ON 8/5 and move to the library section on CloudCME







Miami Valley Hospital Medical Staff Grand Rounds

Presents

"Contemporary Management of Rib and Sternal Fractures"

Presented by Gregory Semon, DO, FACS with Wright State Physicians

Thursday, September 5, 2024
12:00 – 1:00 PM

CME Credit Available

Register today!





The Evolution of Head & Neck Oncology: Advances in Oromandibular Reconstruction

Sameep P. Kadakia, MD FACS

Advanced Head & Neck Surgical Oncology Facial Plastic & Microvascular Reconstruction

Associate Professor | Attending Surgeon

Dept. of Plastic and Reconstructive Surgery

Dept. of Surgery

Boonshoft School of Medicine at Wright State University

Objectives

Better understand the evolution of head and neck reconstruction

Appreciate the challenges of oromandibular reconstruction

Gain insight into the technologic advances with computer assisted planning

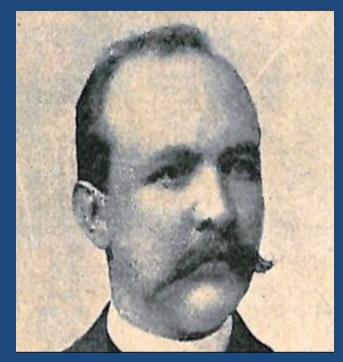
Photo Disclaimer

All photos presented with the exception of a few are from my own surgical cases. They have been obtained with patient consent for use in educational presentations. Please refrain from copying, videotaping, photographing, or reproducing these images

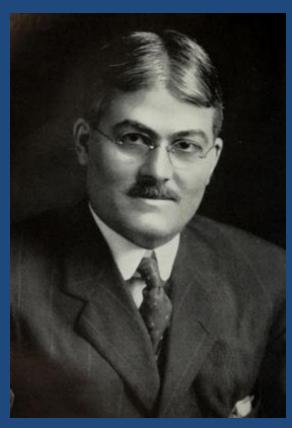
Thank you

Head and Neck Cancer 2024

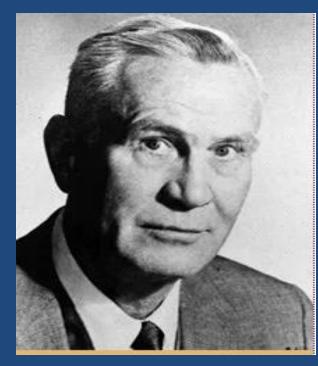
- Changes in trends of Surgery v Chemo-RT
- Long Term Effects of Chemo-RT?
- Radiation Osteonecrosis
- Unpredictable Results
- Surgical Advances
- Rehabilitation Improvement



Jawdynski

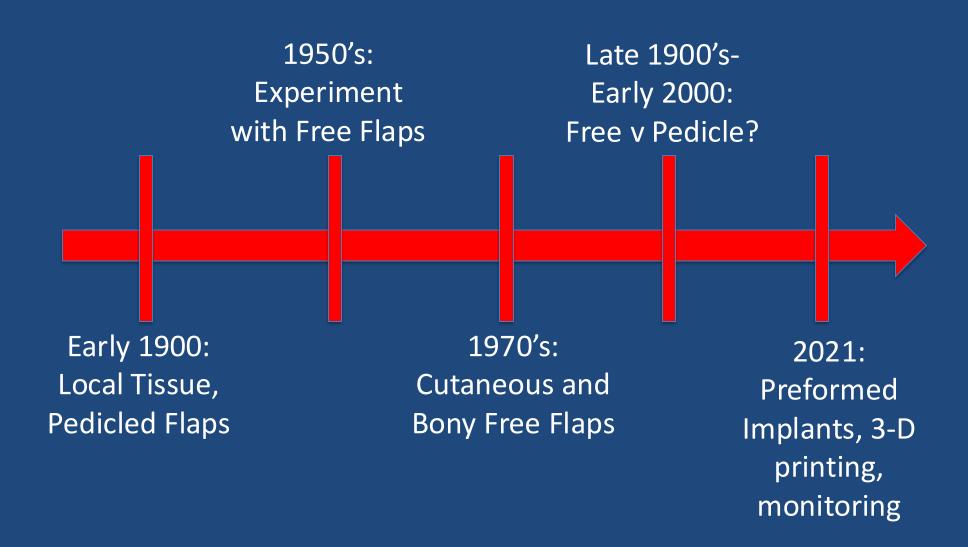


Crile



Hayes-Martin

Evolution of Head and Neck Recon



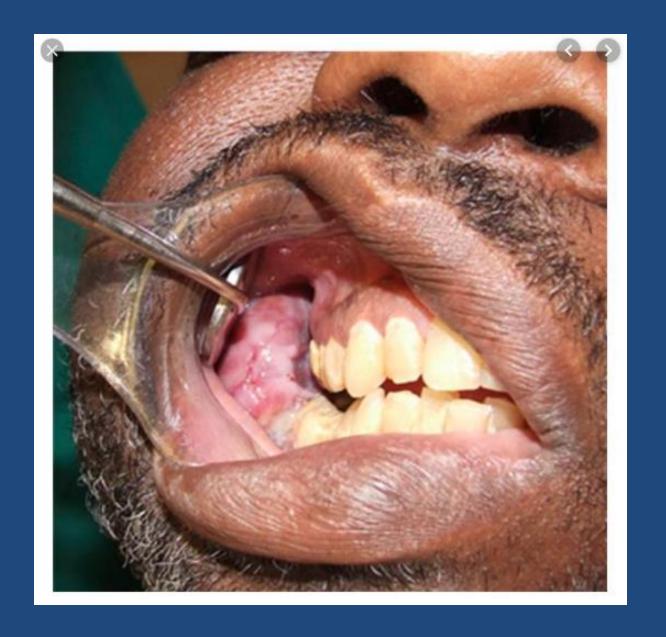
Evolution of Head and Neck Recon



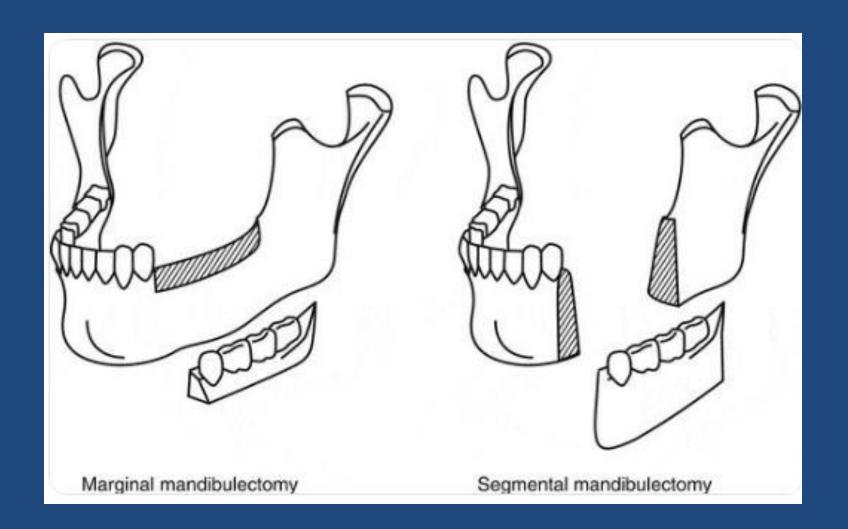
Image: Diabetic renal transplant patient with facial mucor infection s/p debridement



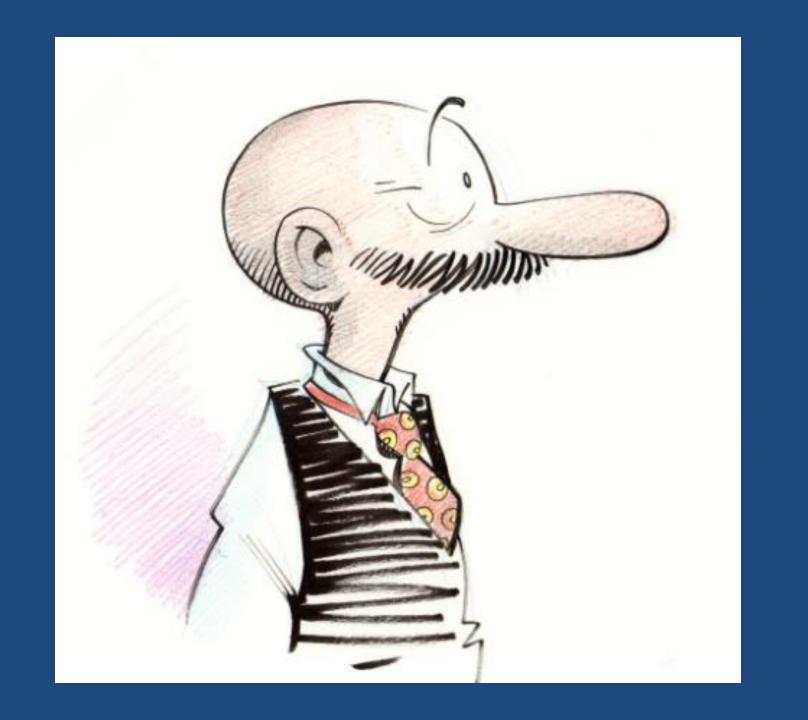










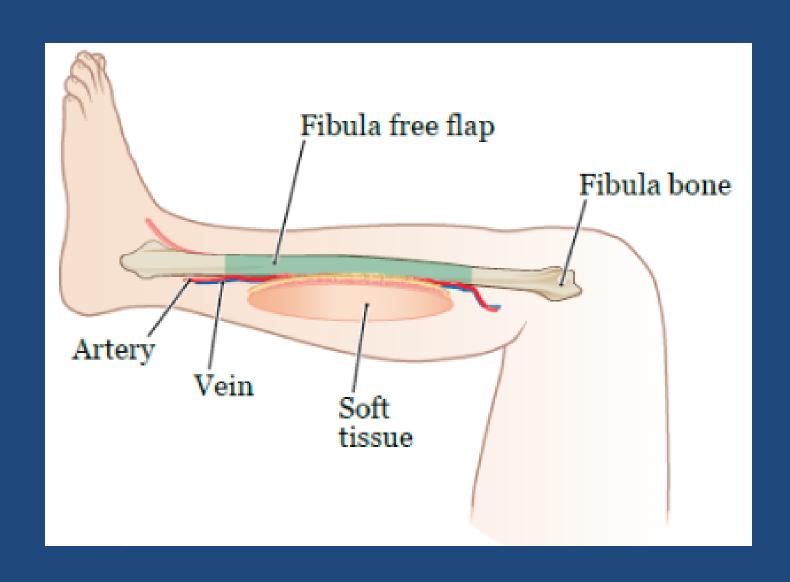


Microvascular Free Tissue Transfer

+

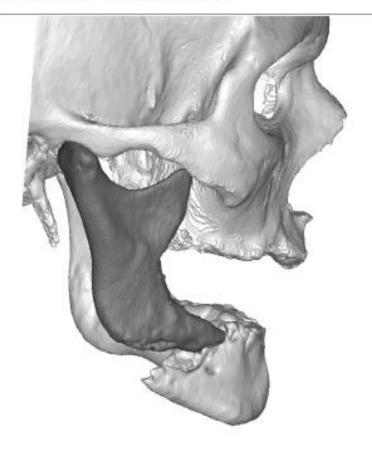
3-D Custom Plating

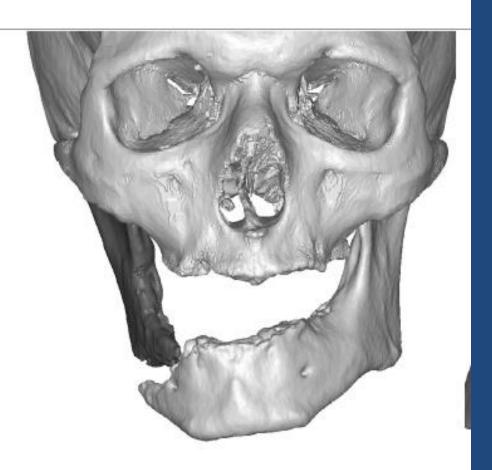
Fibula Free Flap



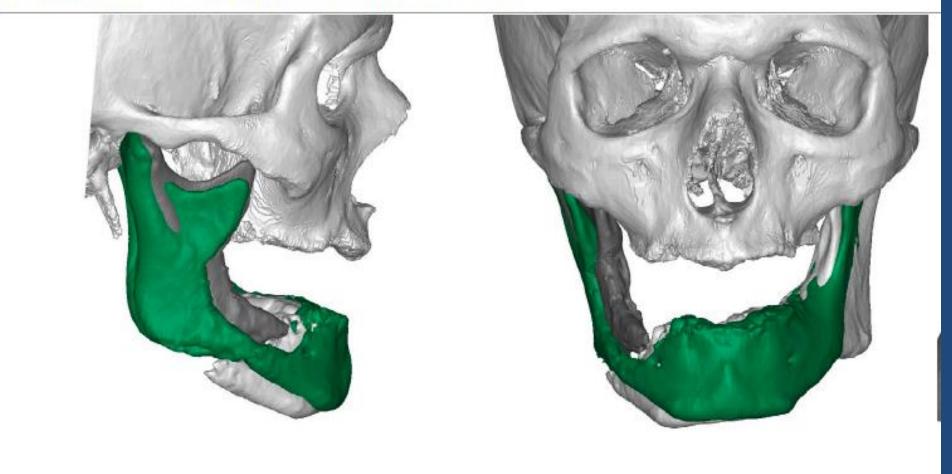


Preoperative Anatomy

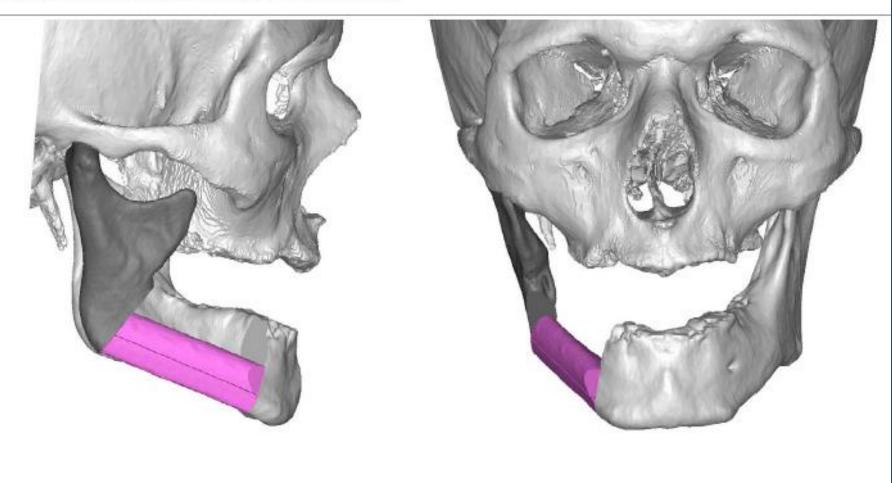


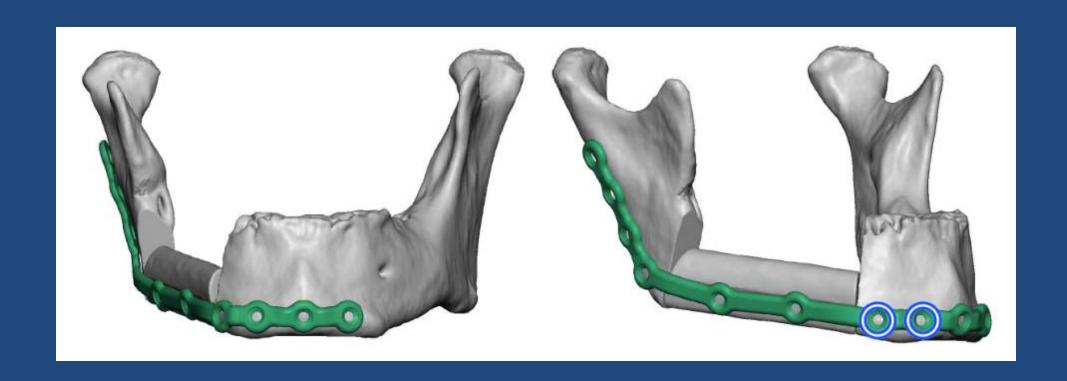


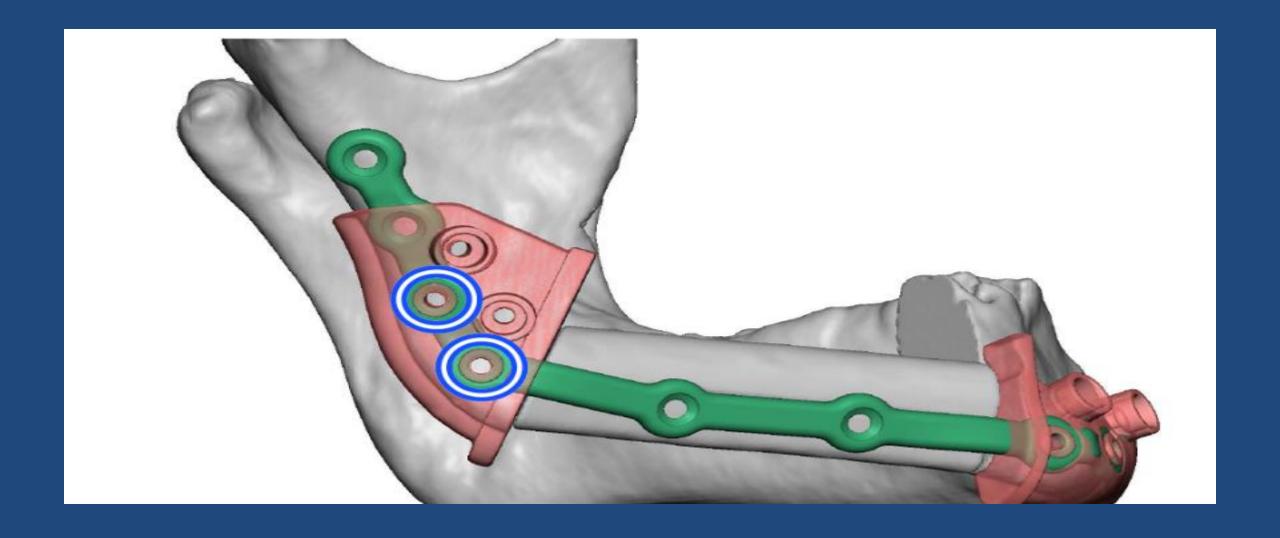
Repositioned Anatomy (Shown in Green)

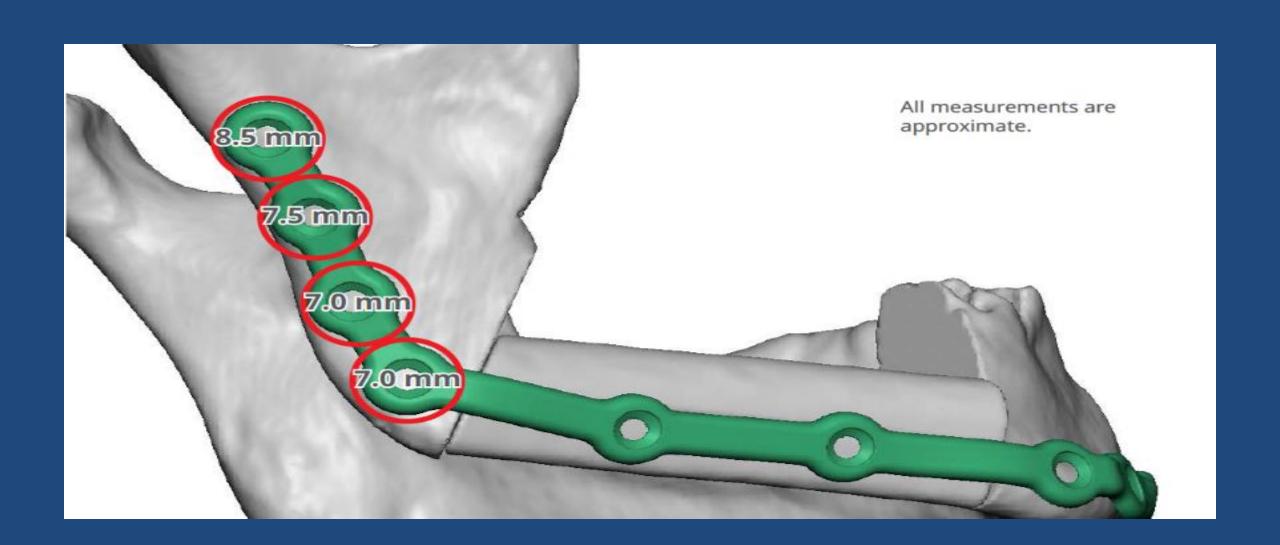


Simulated Postoperative Anatomy



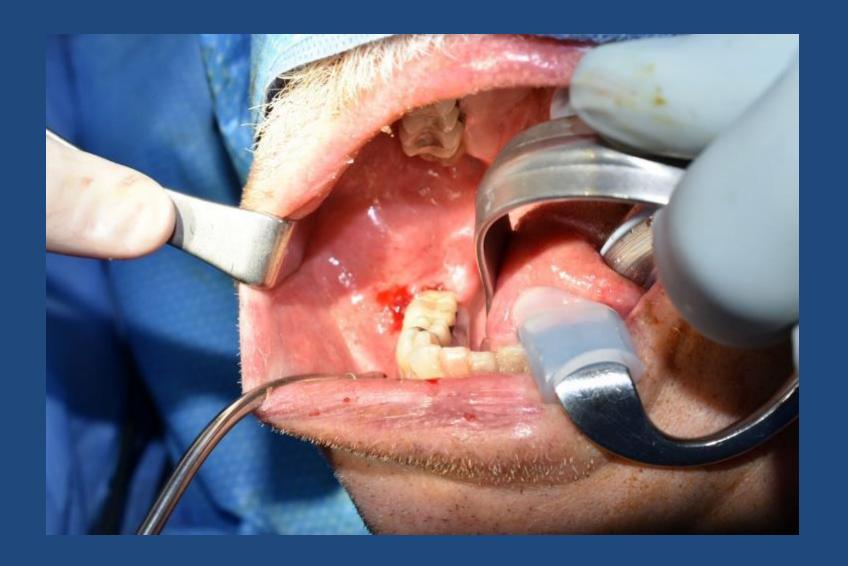




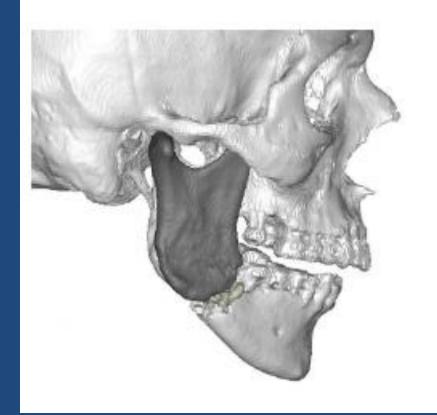


Patient Case

History of oropharyngeal squamous cell carcinoma s/p chemo radiation now with pathologic mandible fracture secondary to osteoradionecrosis

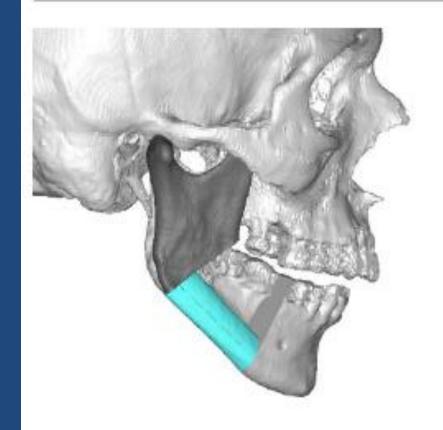


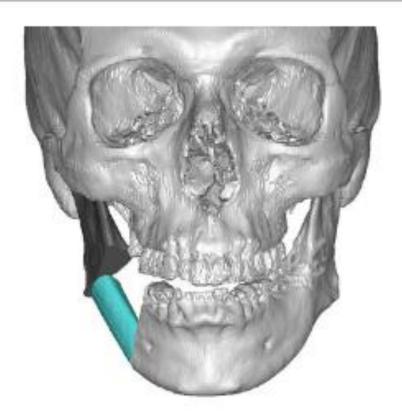
Preoperative Anatomy



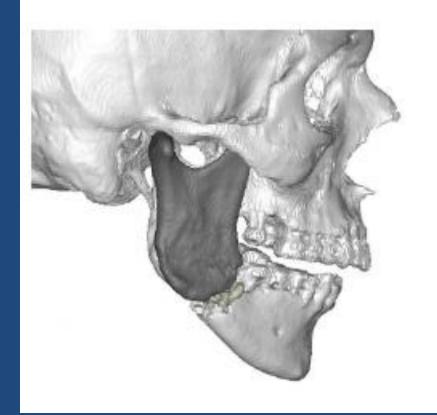


Simulated Postoperative Anatomy





Preoperative Anatomy





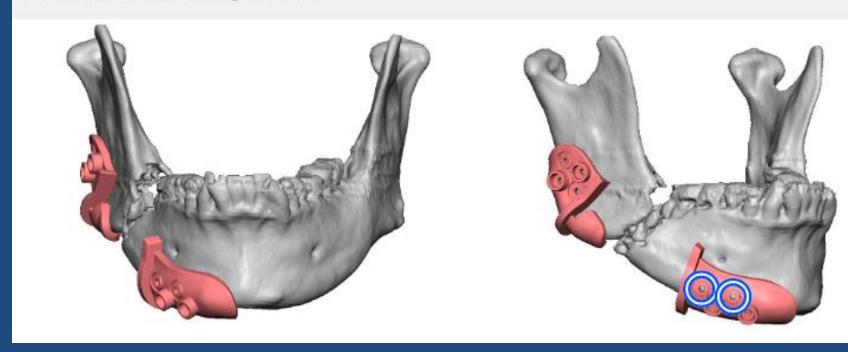


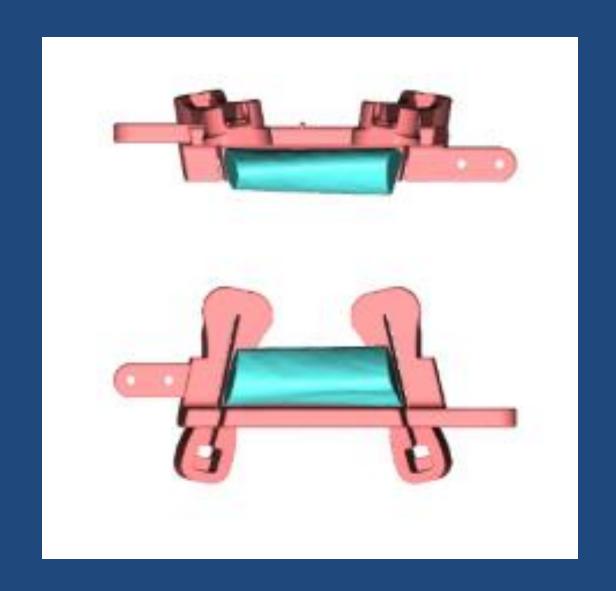


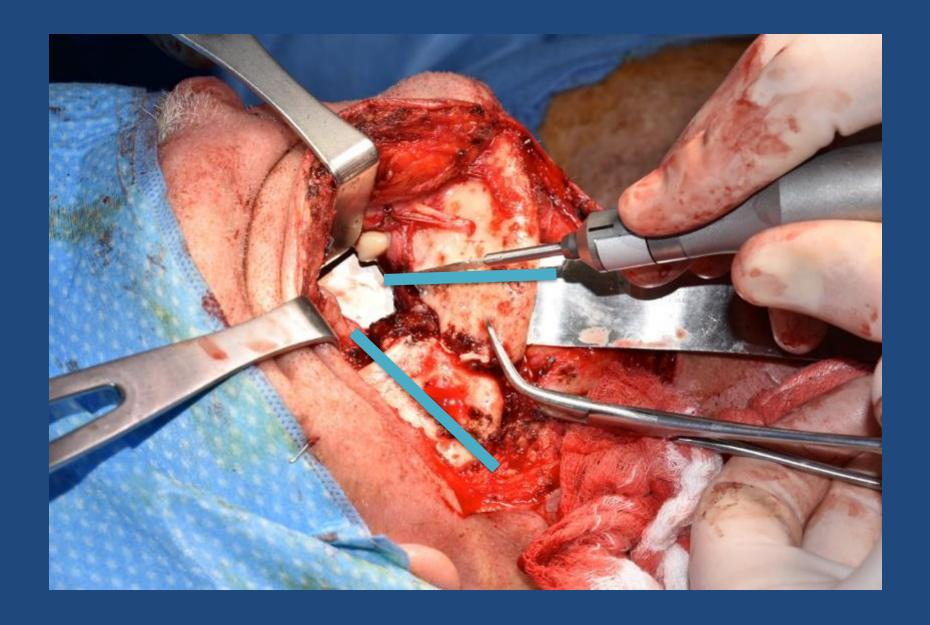
VSP* Reconstruction

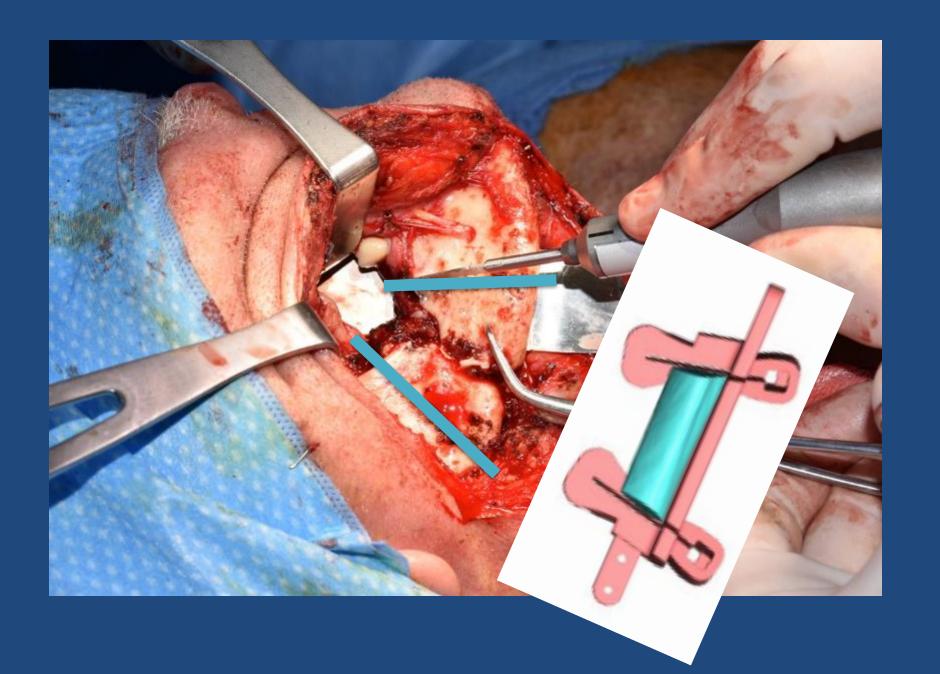
Virtual Surgical Planning

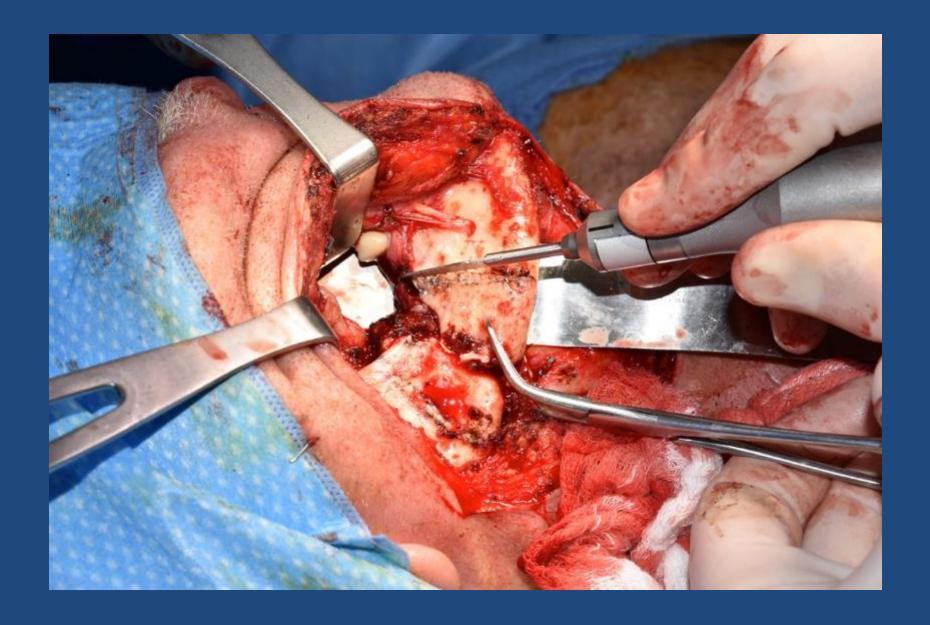
Mandible Marking Guides

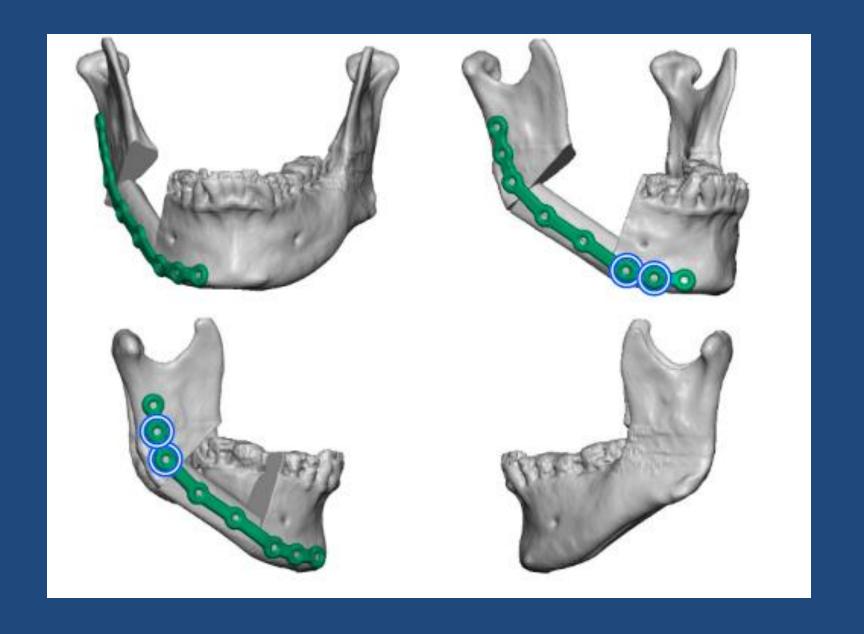


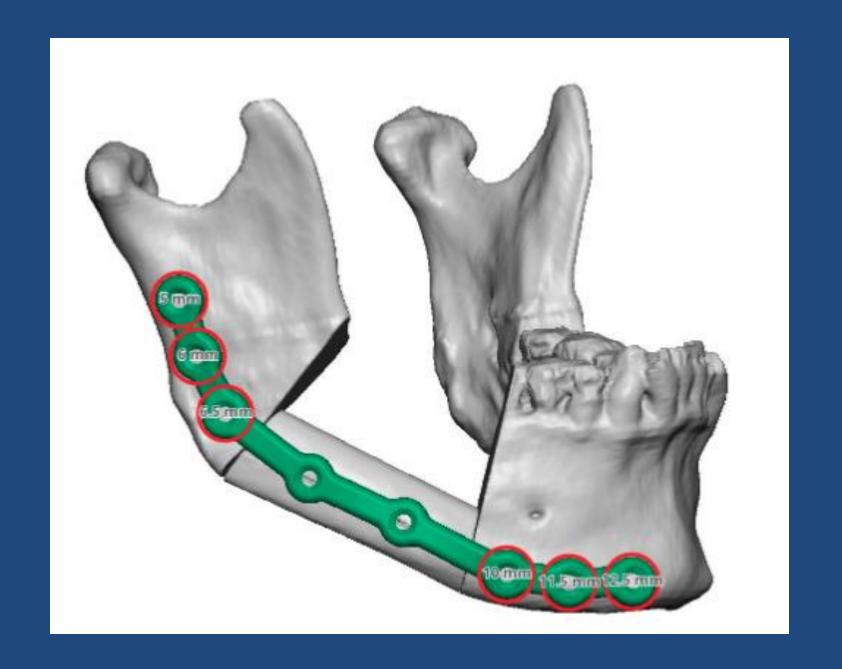


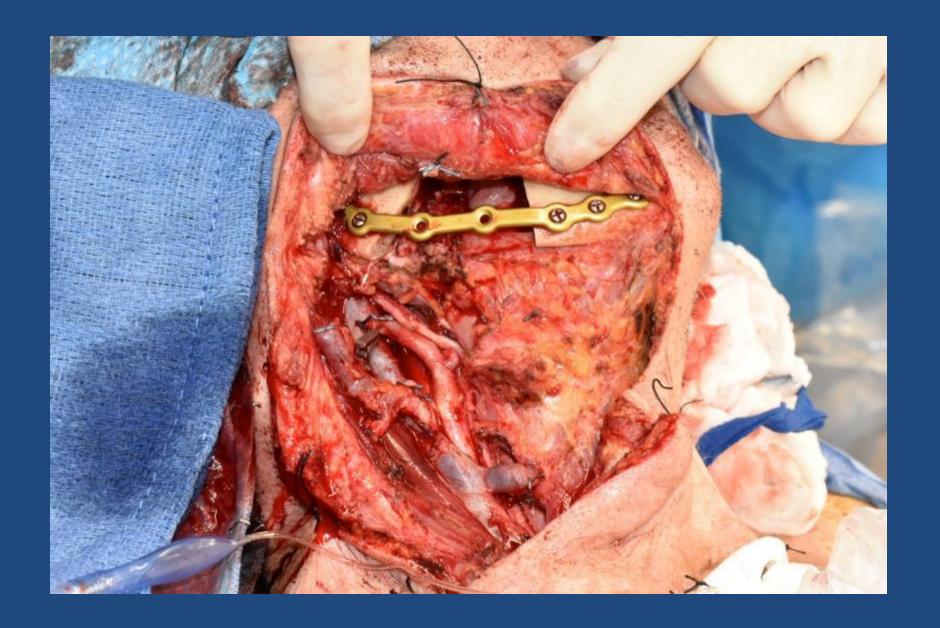


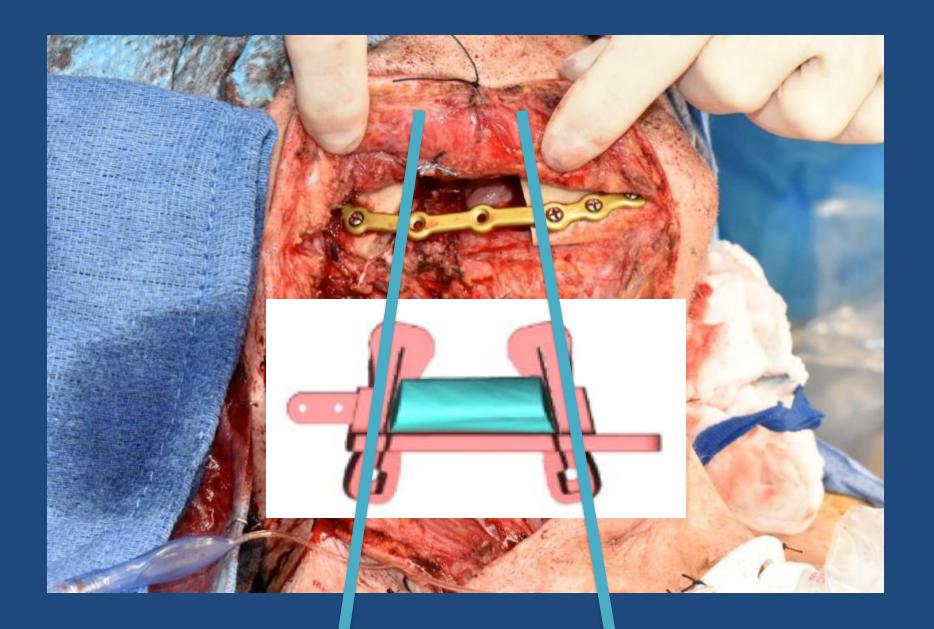


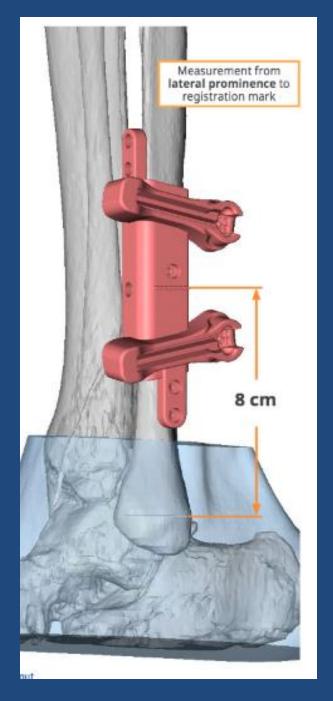


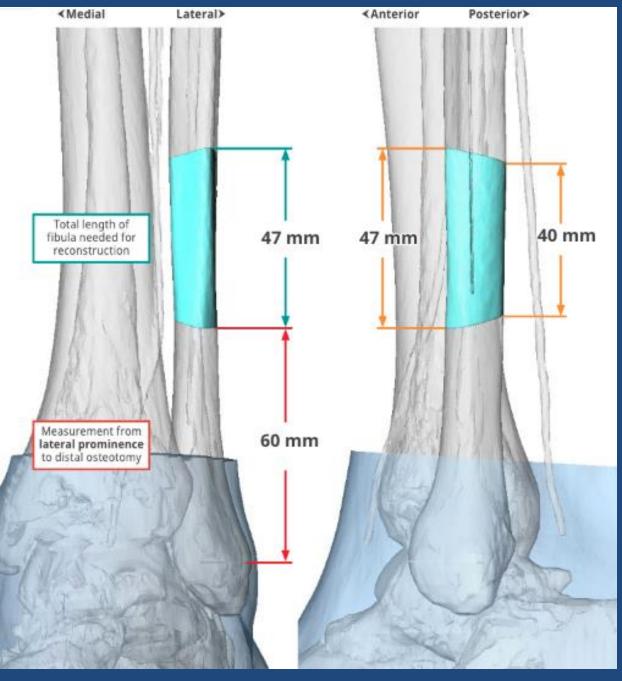


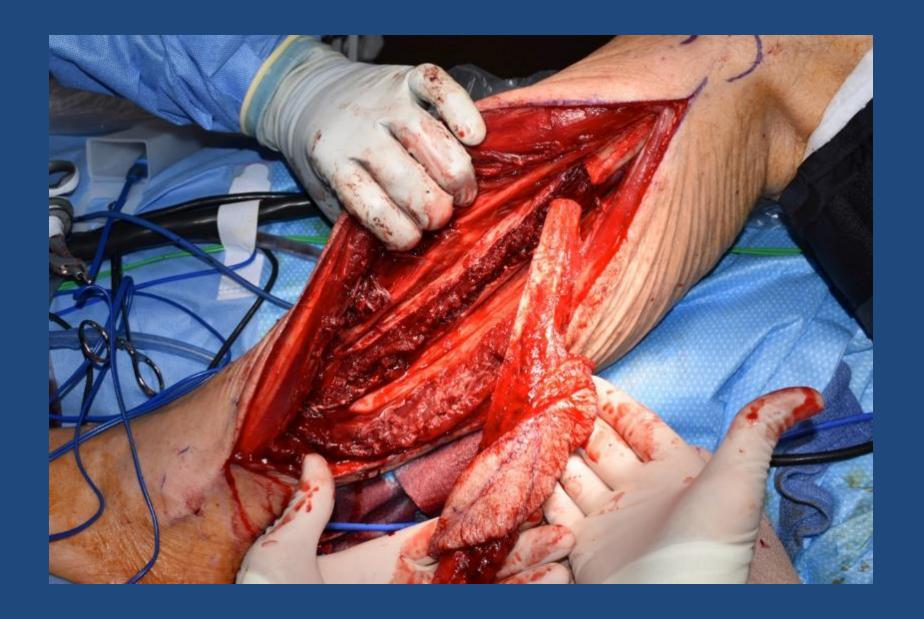




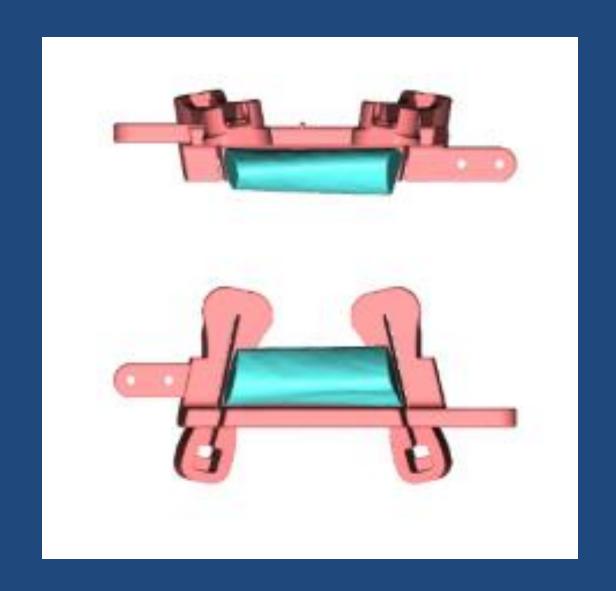


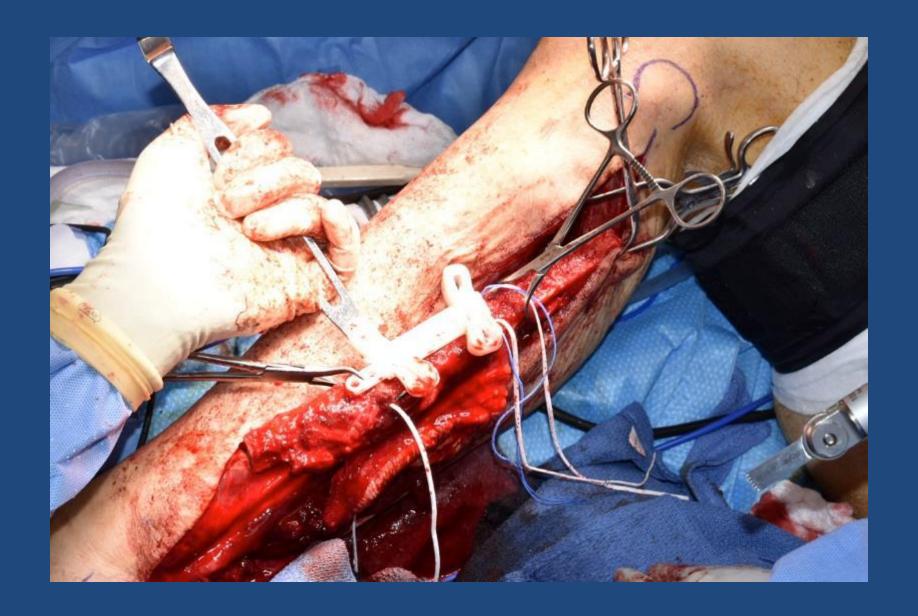


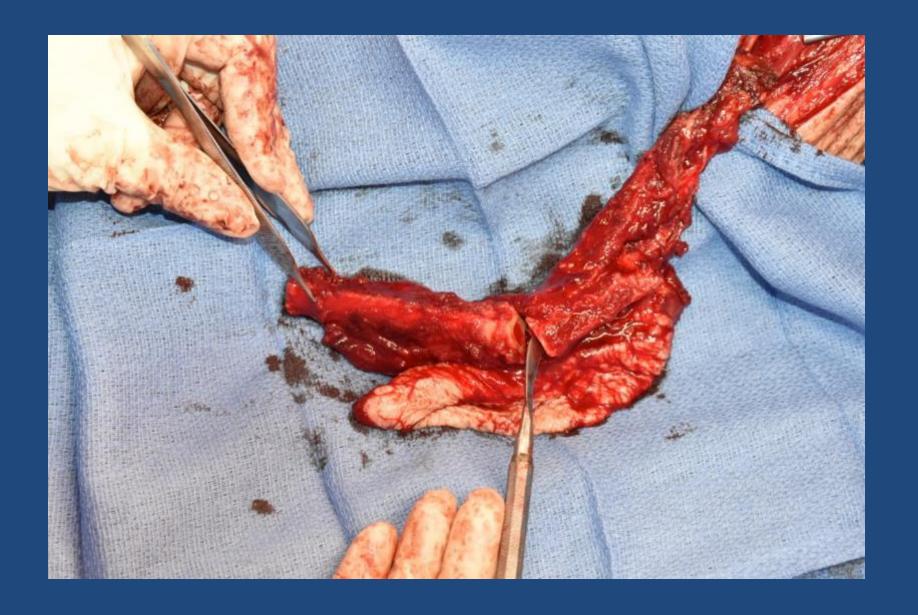


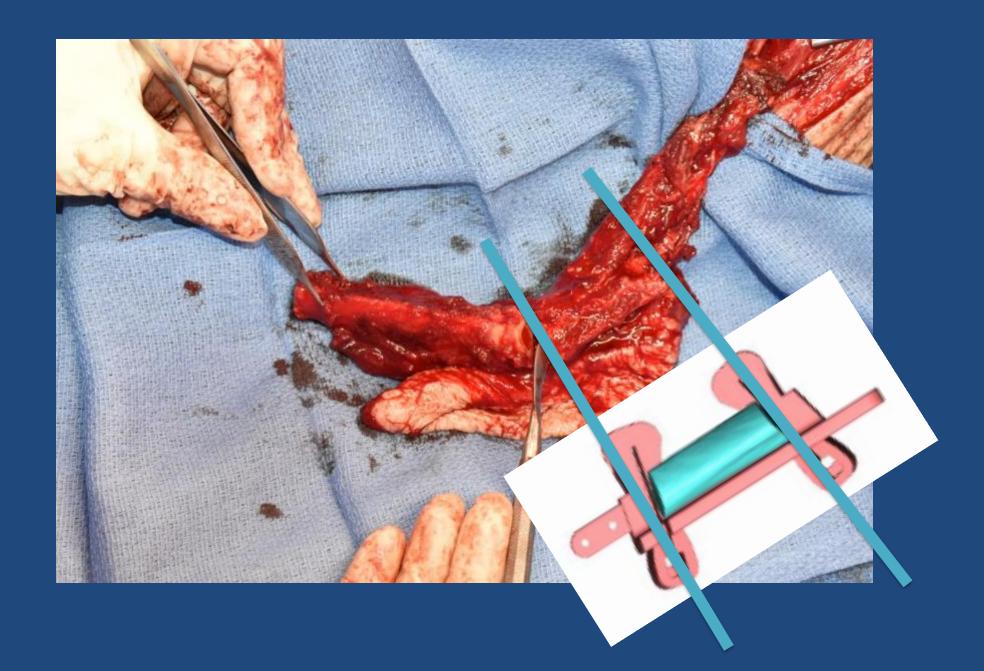


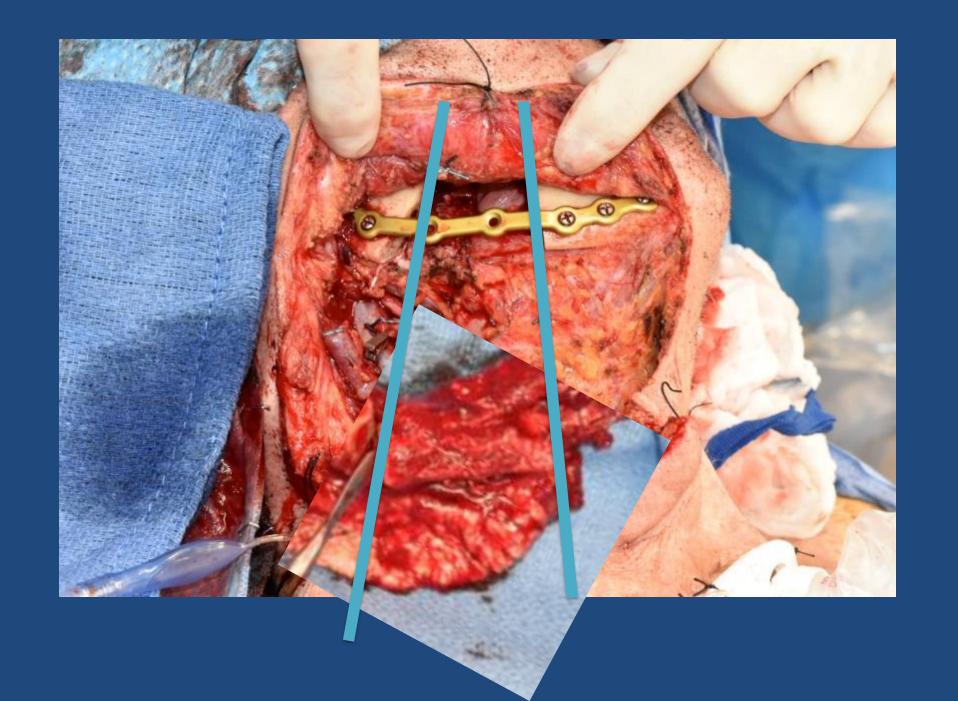












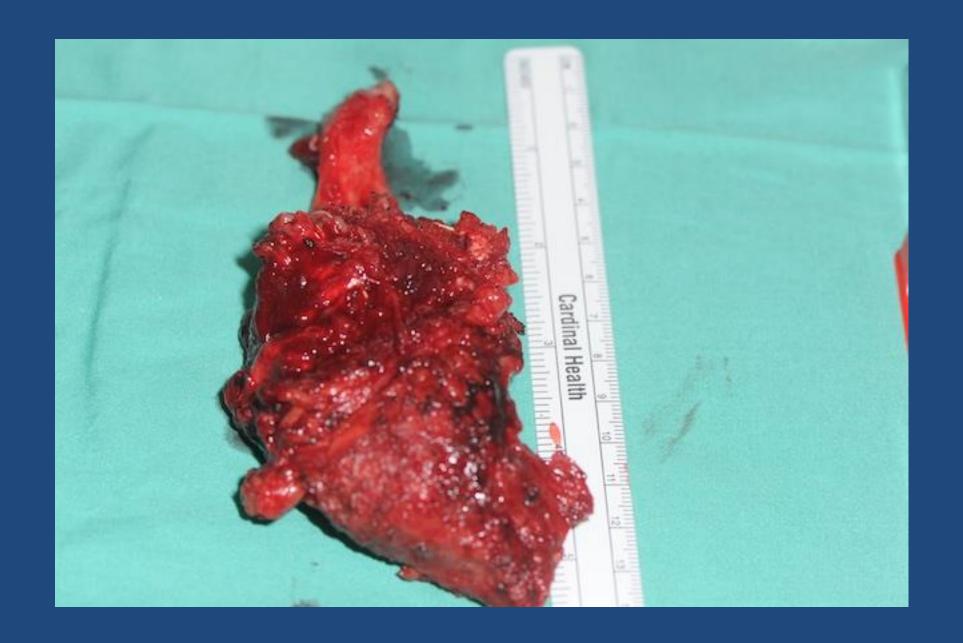




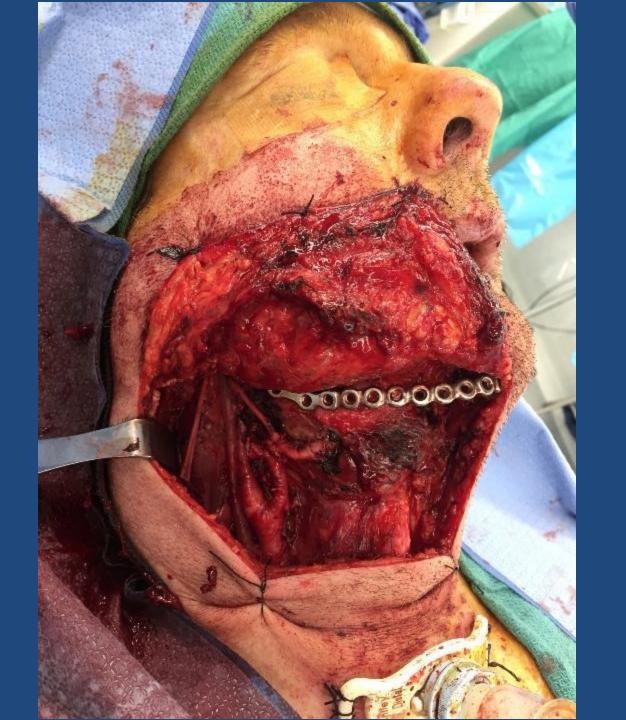


Patient Case

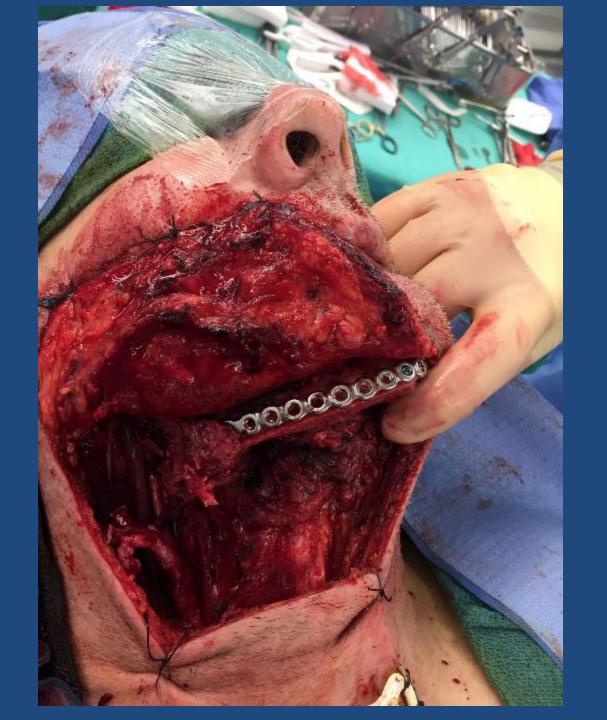
Hx of advanced oral cavity malignancy involving mandible cortex

















Thank You

Sameep P. Kadakia, MD

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Office: 513-420-4678

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