



第69回 春季日本歯周病学会術学大会





PUBLIC  
MARKET  
CENTER



112<sup>th</sup> Annual Meeting

**SEATTLE**

Oct. 29 - Nov. 1, 2026



Held in collaboration with  
the Japanese Society of Periodontology and  
the Japanese Academy of Clinical Periodontology



Visit the Emerald City of the Northwest and experience:

- An Opening General Session featuring Periodontal Masters and the cases that shaped their careers
- Highlights from the 2026 Best Evidence Consensus
- Balint Orban, Research Forum, and the premiere of the Saving Teeth Competition
- Bonus educational opportunities including the Corporate Forum, Lunch and Learns, Speaker Studio, and Global Speaker Pavilion



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112<sup>th</sup> Annual Meeting

**SEATTLE**

Oct. 29 - Nov. 1, 2026

**Friday, Oct. 30, 2026**

**NCE2: Clinical Insights into the Periodontal-Respiratory Interface: Breathless Connections Reconsidered**

Co-Moderators: Dr. Satoko Ono Rubin and Dr. Yukihiro Numabe (JSP)

Speaker: Dr. Akira Hasuike (JSP)

**IP1: Advances in Periodontics**

Topic: The Role of Basic Science and Systemic Conditions in Shaping Periodontal Regenerative Outcomes

Co-Moderators: Dr. Monica Gibson and Dr. Keisuke Wada (JACP)

Speaker: Dr. Mitsuhiro Tsuji (JACP)

**FCE1: Lost Art or Lost Cause: Treating Furcations**

Program Track: Treatment of Periodontal Diseases and Peri-Implant Diseases

Co-Moderators: Dr. Rachel Schallhorn and Dr. Satoru Urano (JACP)

Speakers: Dr. Paul Fugazzotto, Dr. Pam McClain, and Dr. Yoshitaka Nara (JACP)

**IP2: Advances in Periodontics**

Co-Moderator: Dr. Yusuke Hamada and Dr. Koichi Tabetta (JSP)

Speaker: Dr. Mayuka Nakajima (JSP)



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112<sup>th</sup> Annual Meeting

**SEATTLE**

Oct. 29 - Nov. 1, 2026

**Sunday, Nov. 1, 2026**

**CCE1: Innovative Periodontal-Orthodontic Strategies: Exploring Interdisciplinary Dentofacial Therapy with Implants, Prosthodontics and SFOT**

Moderator: Dr. Masahiko Nikaido (JACP)

Speaker: Dr. Kiyonobu Saburi (JACP)

**CCE2: Minimally Invasive Regenerative Therapy for Severe Periodontitis in Elderly Patients**

Program Track: Treatment of Periodontal Diseases and Peri-Implant Diseases

Co-Moderators: Dr. Hanae Saito (AAP) and Dr. Takanori Iwata (JSP)

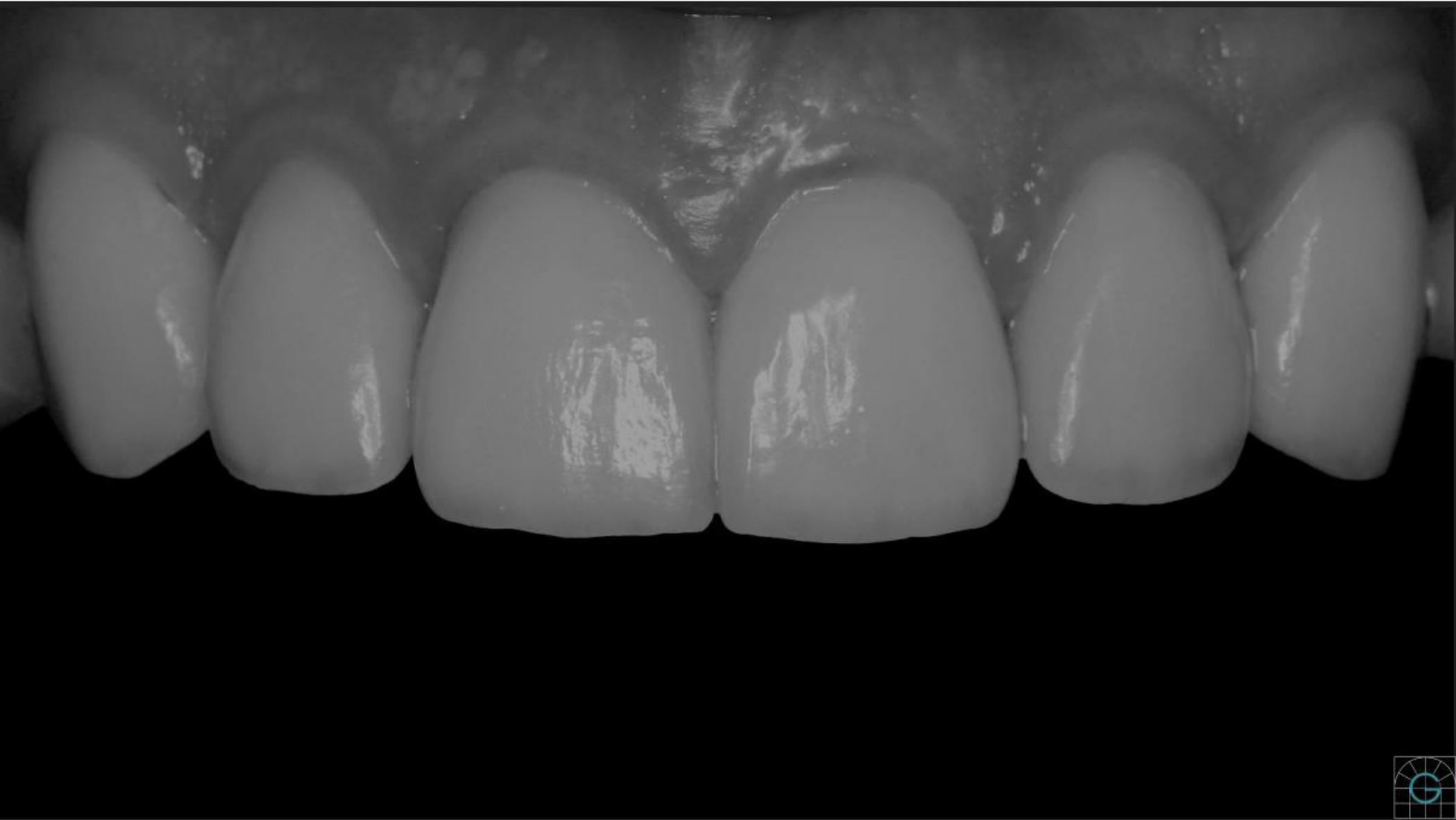
Speaker: Dr. Koji Mizutani (JSP)



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the Japanese Academy of Clinical Periodontology





# Japanese Society of Periodontology Conflict of Interest Disclosure

**Dr. Ana Becil Giglio**

There are no conflicts of interest with businesses and/or groups to disclose regarding the content of the presentation

# Japanese Society of Periodontology Conflict of Interest Disclosure

**Dr. Graz Giglio**

Businesses associated with conflicts of interest to disclose  
regarding the content of the presentation

Consultant: Ivoclar Vivadent and Keystone Dental Group

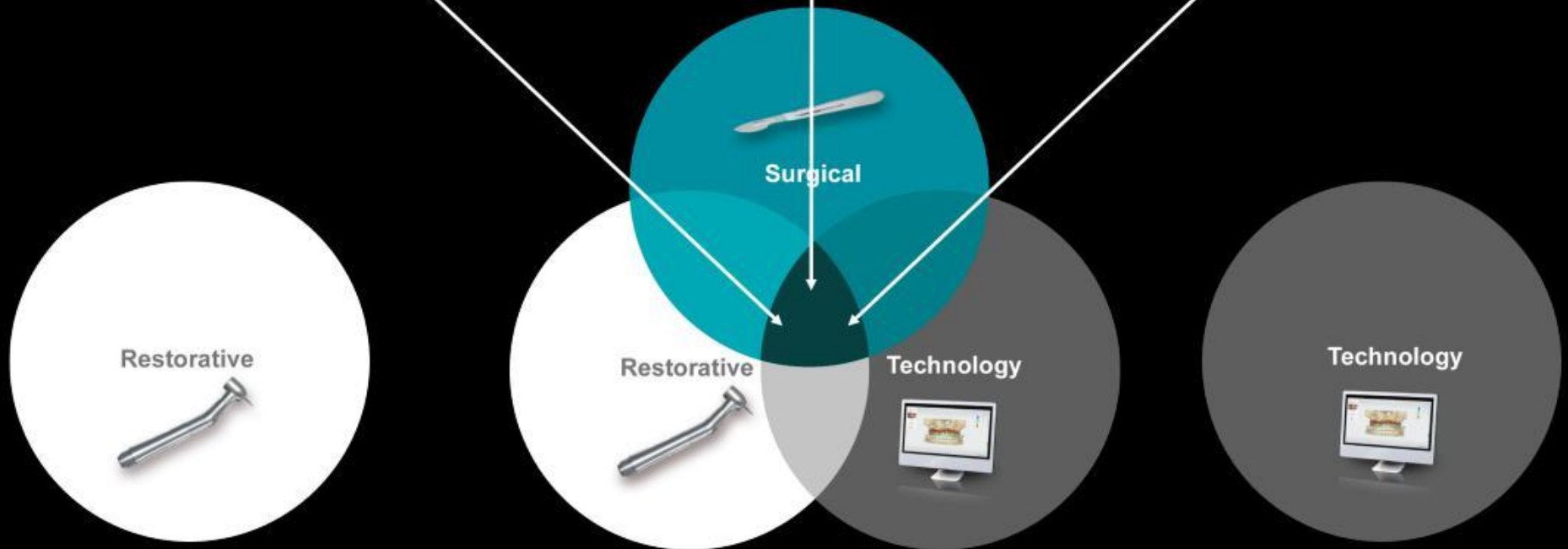




# Collaboration

Planning

Coordination



# Objectives

- Improve Patient Care & Comfort
- Comprehend the Peri-Implant Complex
- Treatment Plan & Coordinate Effectively
- Reduce Treatment Time
- Achieve Optimal Esthetics

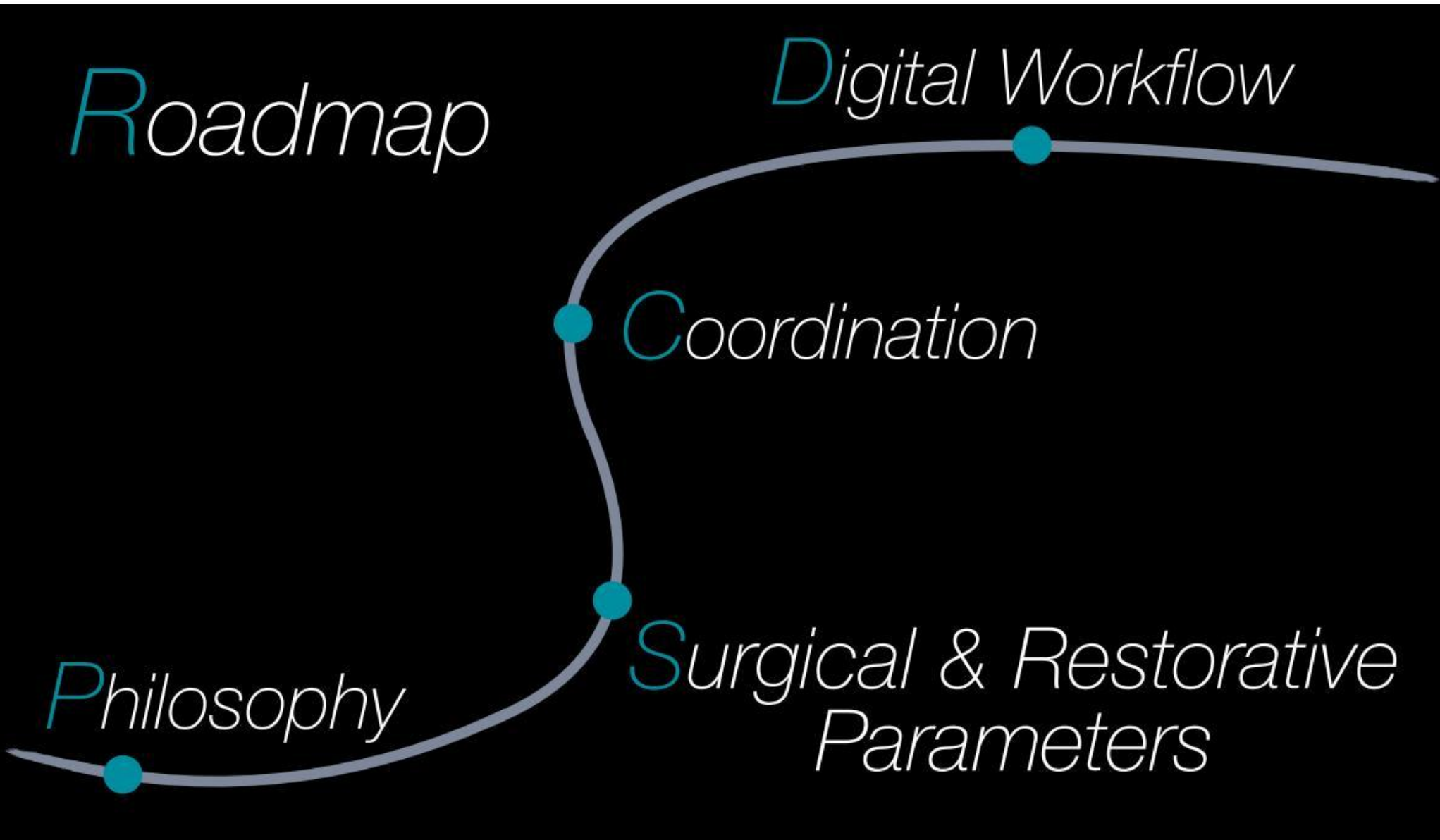
*Roadmap*

*Digital Workflow*

*Coordination*

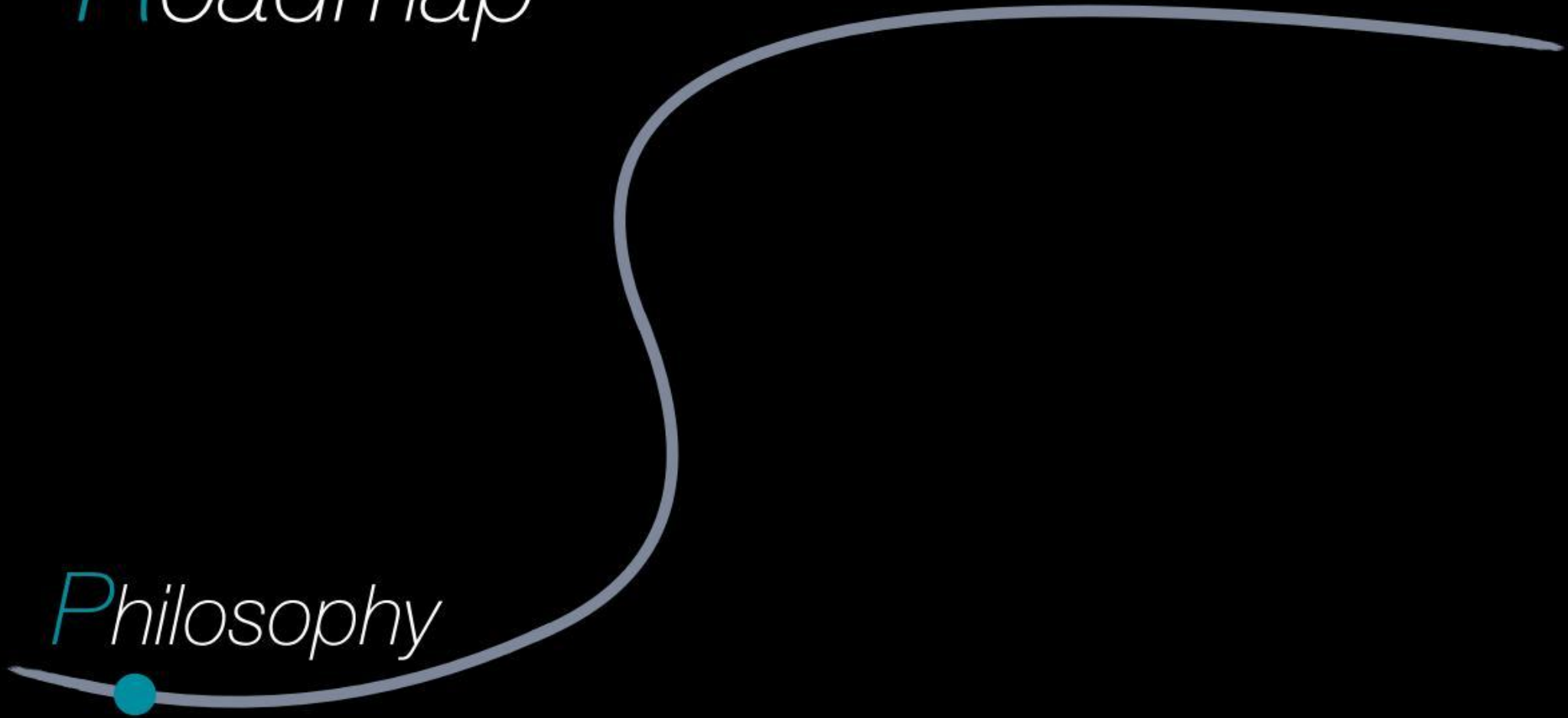
*Surgical & Restorative  
Parameters*

*Philosophy*



*Roadmap*

*Philosophy*



# Consensus 2017

Abutment Dis/Reconnection



Canullo

Decrease number of Dis/Reconnection

Platform Switching

Implant Neck



Gracis

Concave Sub-gingival Contour

High Esthetics: Ceramic  
Low Esthetics: Metallic  
Soft Tissue Grafting  
Ti-Base Hybrid

Chu

Zarauz



Int J Periodontics Restorative Dent, Vol 40/1, 2020

Restorative Emergence Profile

Customized vs Standardized

# Customized Anterior Units



# One Abutment/One Time



Prevention of peri-implant marginal bone loss

**Tallarico M, et al.** Definitive abutments placed at implant insertion and never removed: Is it an effective approach? A systematic review and meta-analysis of randomized controlled trials. *J Oral Maxillofac Surg* 2018; 76:316-324.

**Canullo, L, et al.** Clinical Considerations on Strategies That Avoid Multiple Connections and Disconnections of Implant Abutments. *Int J Periodontics Restorative Dent* 2020;40:9-17.

# Literature Review



Patient Selection

Surgical Skill

Bone Quality

Implant Length

Occlusal Forces

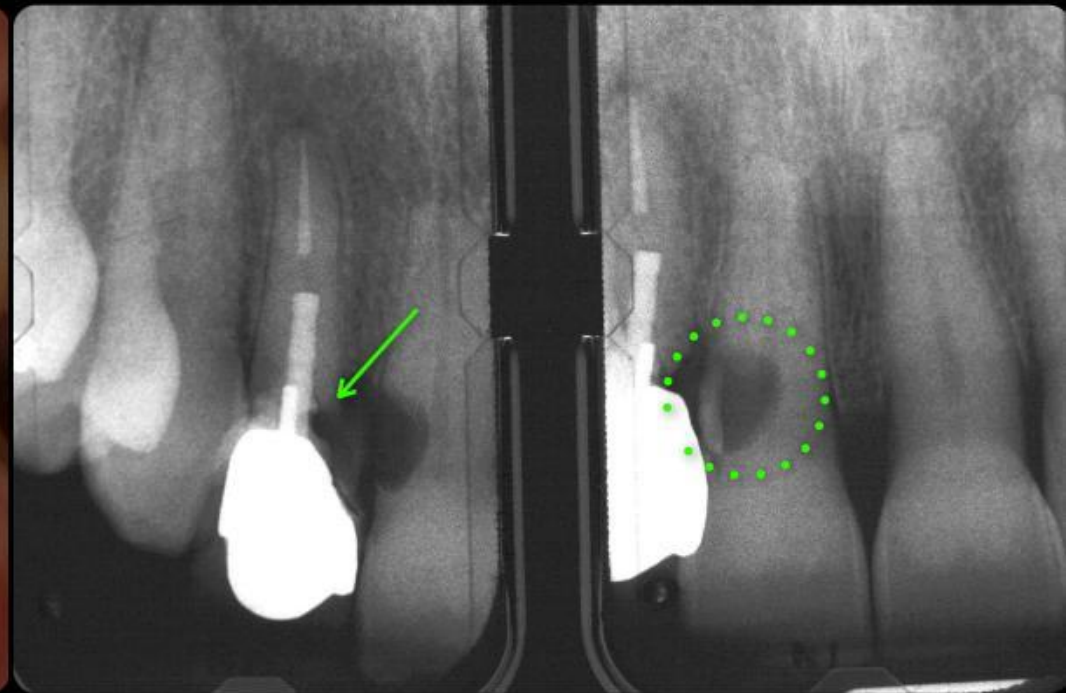
Bone Quantity

Primary Stability

Implant Design



Minimum Torque = 35 Ncm

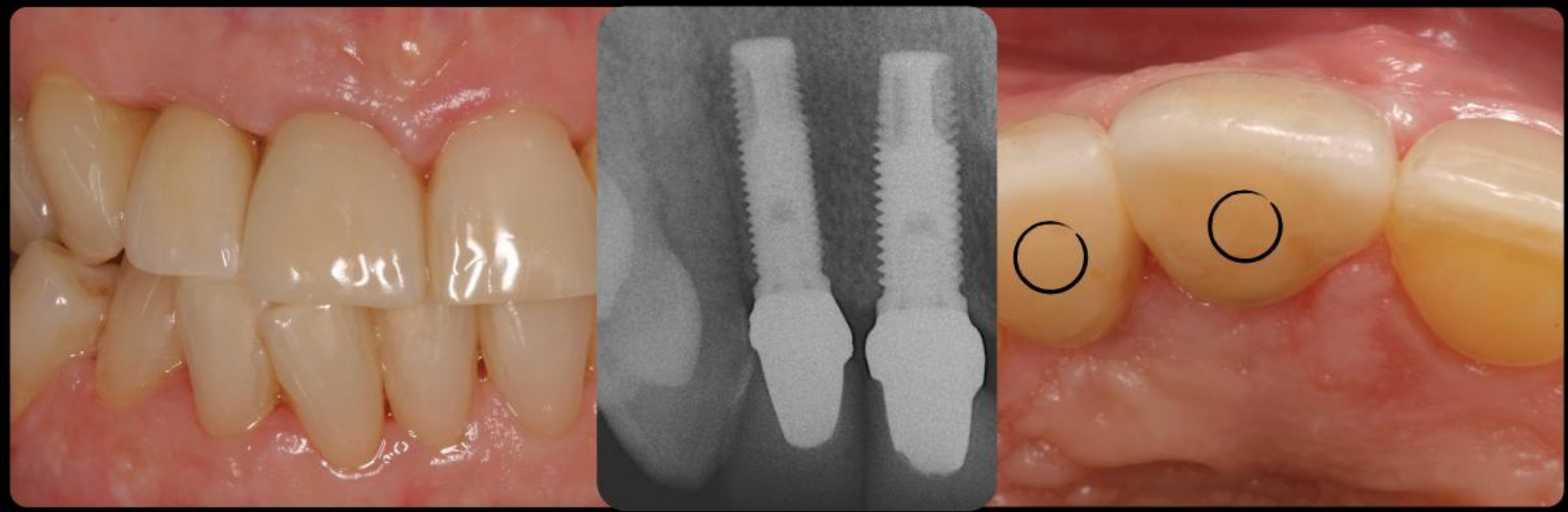


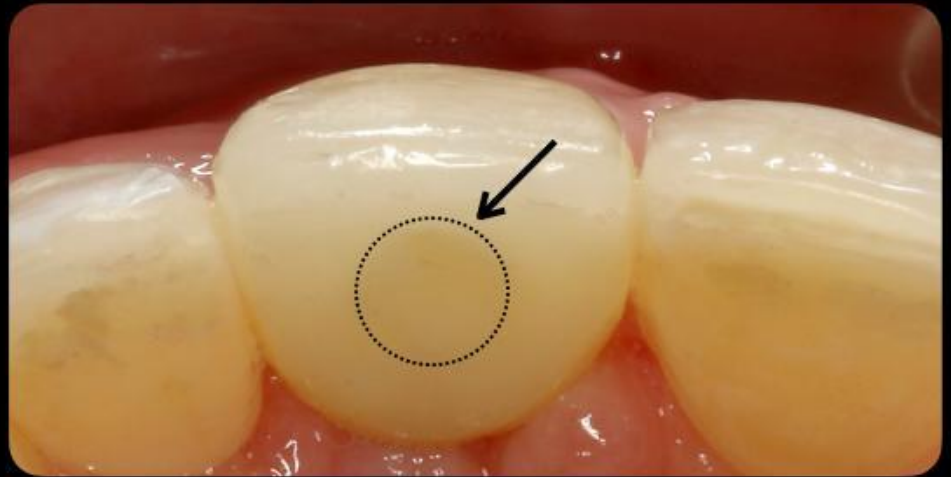
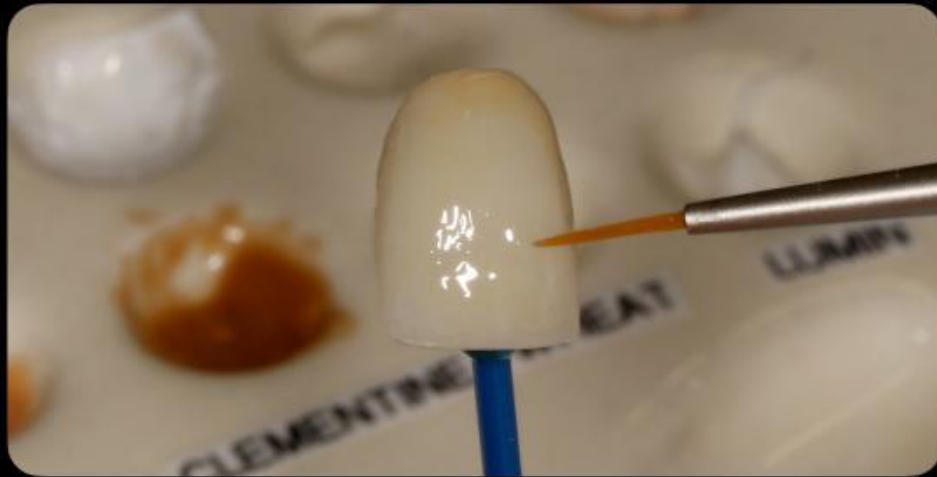
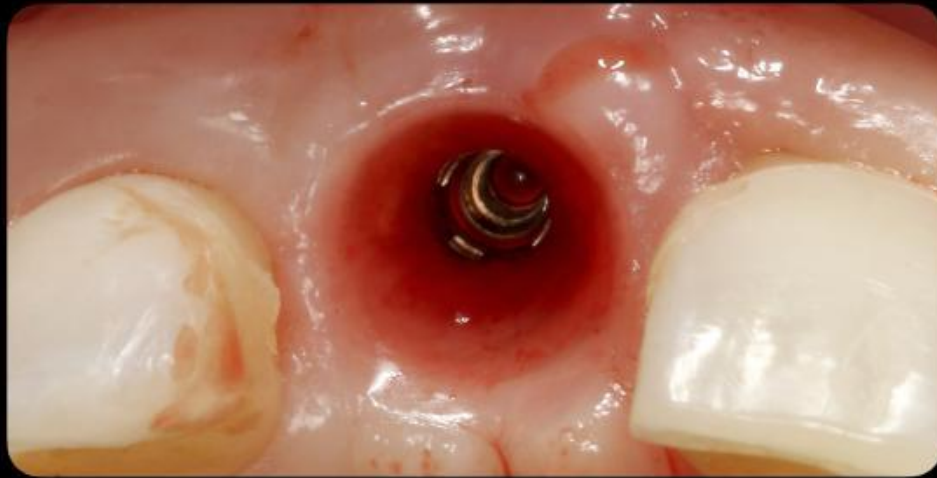






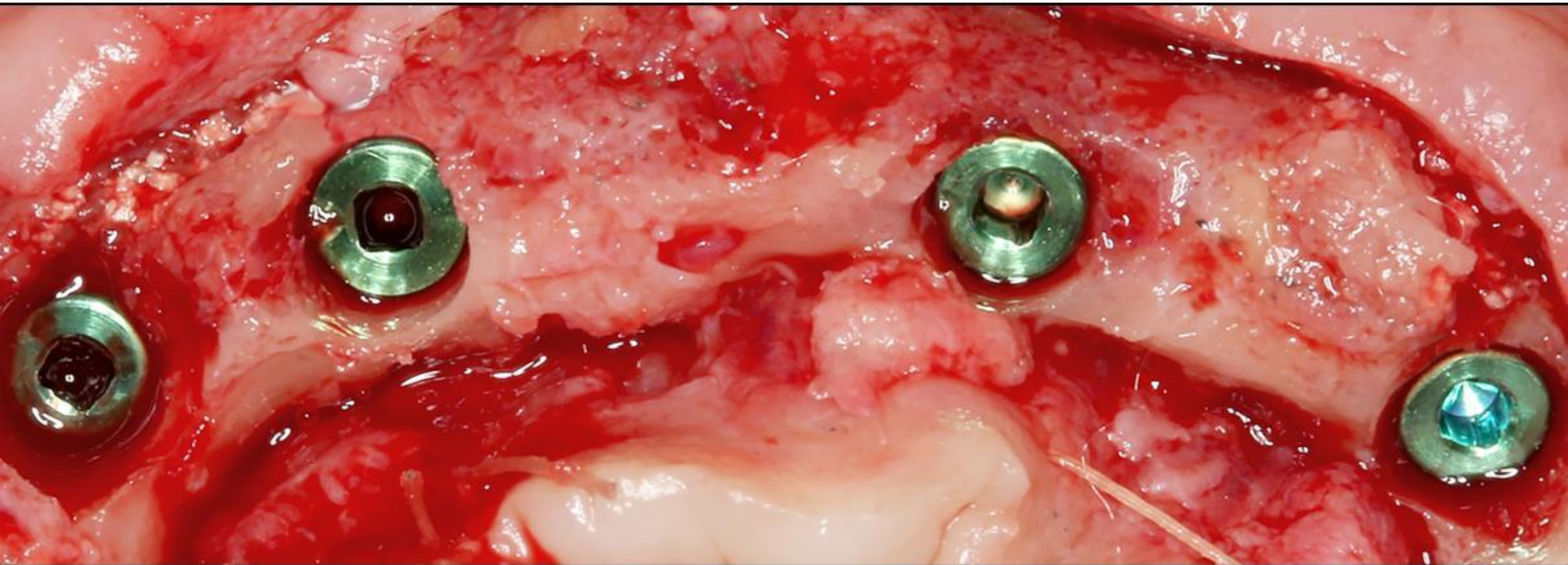
One Surgery / One Abutment / One Time 1.0





## Advantages

- Equigingival Margin
- Support Papillae
- Custom Shading
- Retrievability



What have we learned in  
35 years?

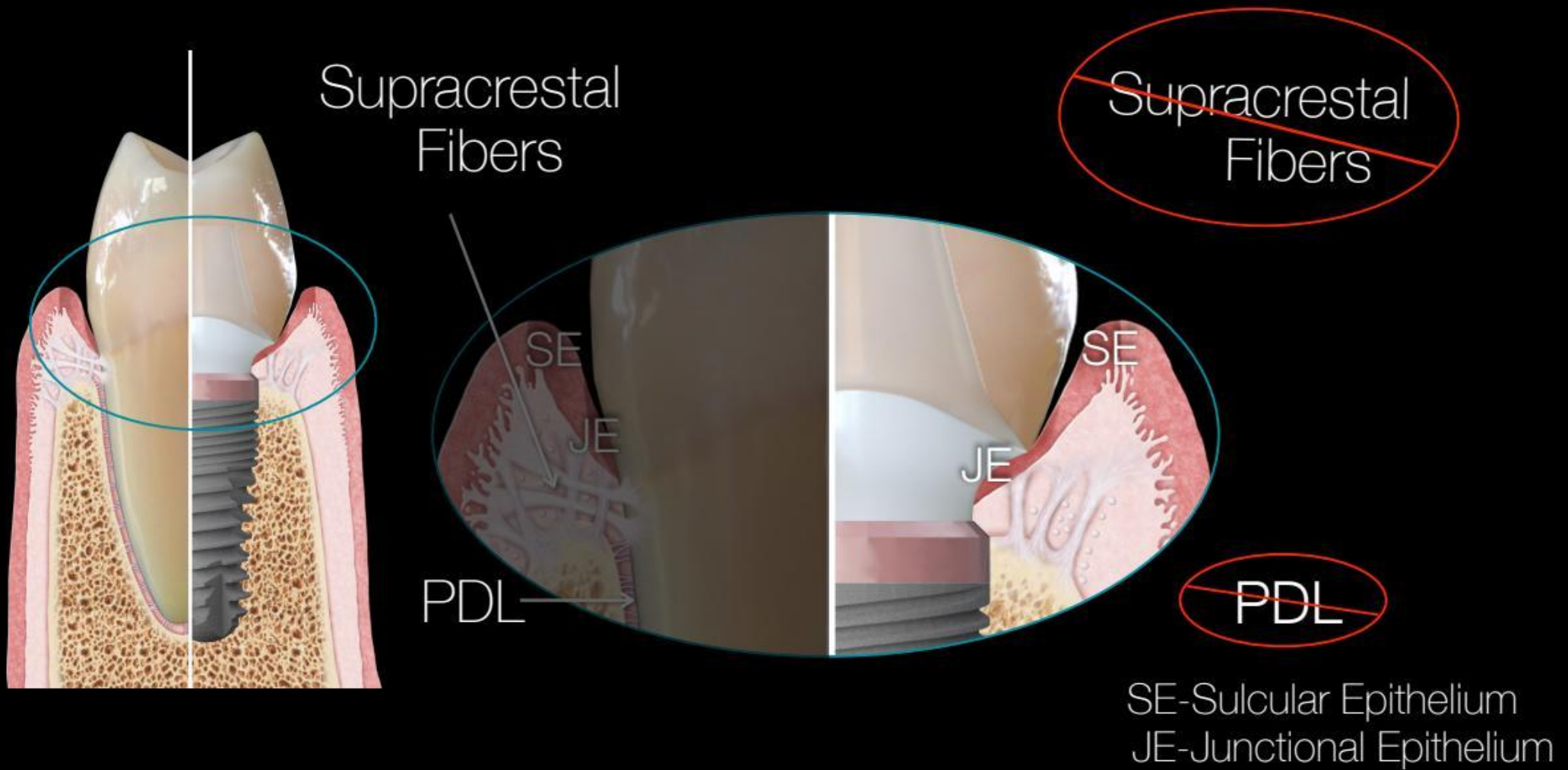
*Roadmap*



*Philosophy*

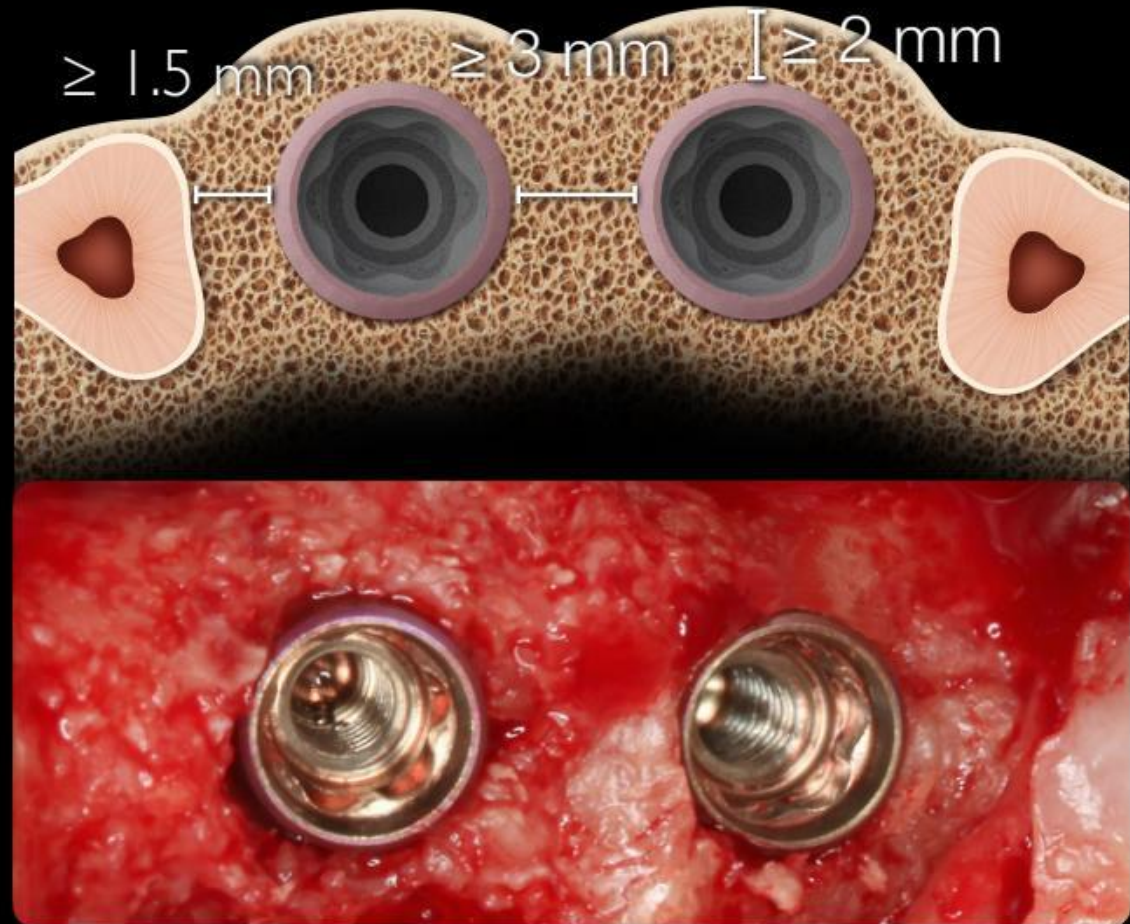
*Surgical & Restorative  
Parameters*

# Peri-Implant Complex



# Surgical

- Hard Tissue



Esposito M, et al. Clin Oral Implant Res 1993

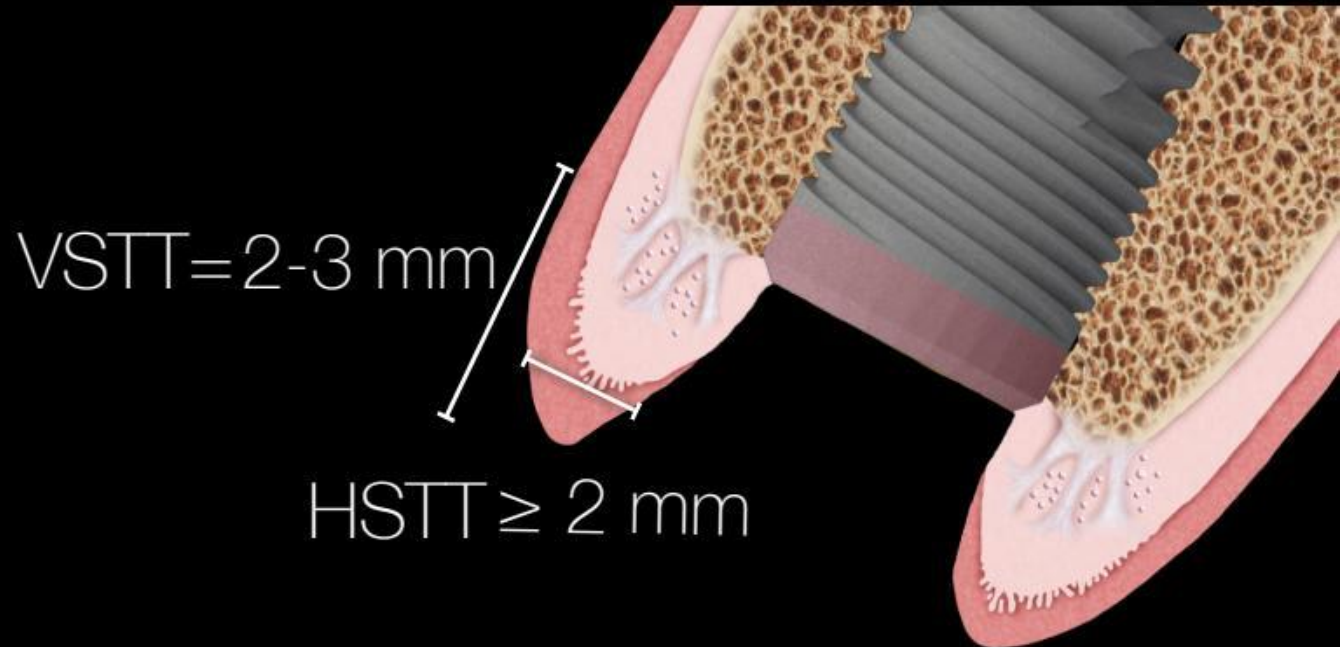
Tarnow, D et al. J Periodontol 2000

Grunder U, et al. Int J Periodontics & Restorative Dent 2005



# Surgical

- Hard Tissue
- Soft Tissue



HSTT = Horizontal Soft Tissue Thickness

VSTT = Vertical Soft Tissue Thickness

**Berglundh T, Lindhe J. J Clin Periodontol 1996**

**Linkevicius T, et al. Clin Implant Dent Relat Res 2015**

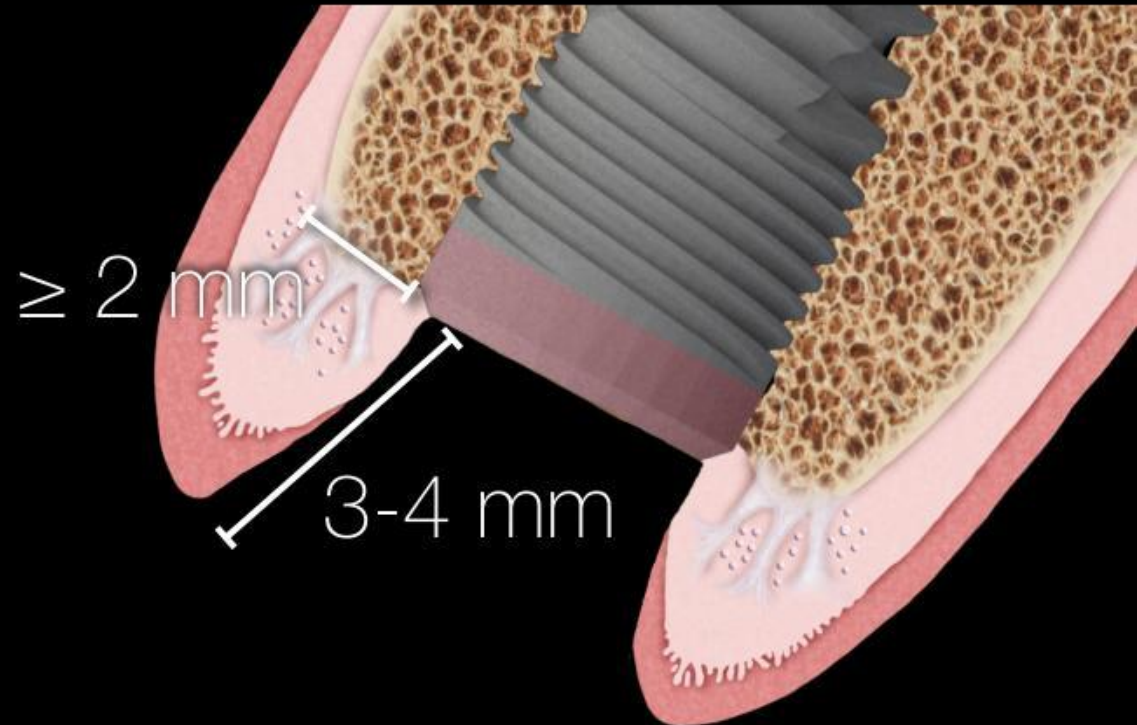
**Rungcharassaeng K, et al. Int J Periodontics & Restorative Dent 2012**



Chu S, Tarnow DP, et al. The dual-zone therapeutic concept of managing immediate implant placement and provisional restoration in anterior extraction sockets. *Compend Contin Educ Dent*. 2012 Jul-Aug;33(7):524-32, 534. PMID: 22908601.

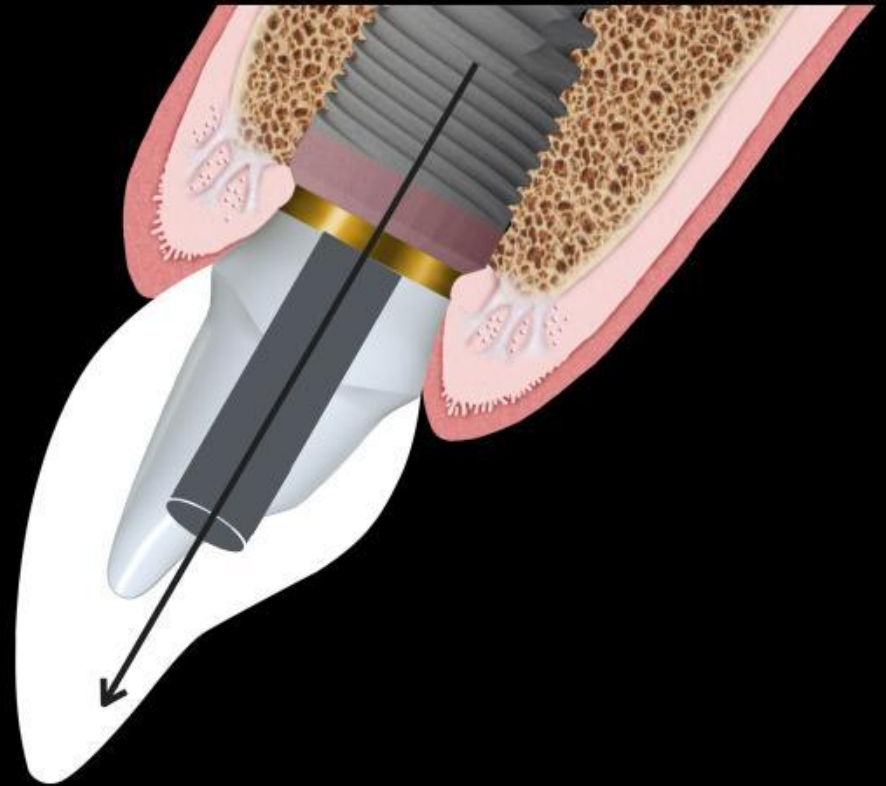
# Surgical

- Hard Tissue
- Soft Tissue
- 3D Implant Position



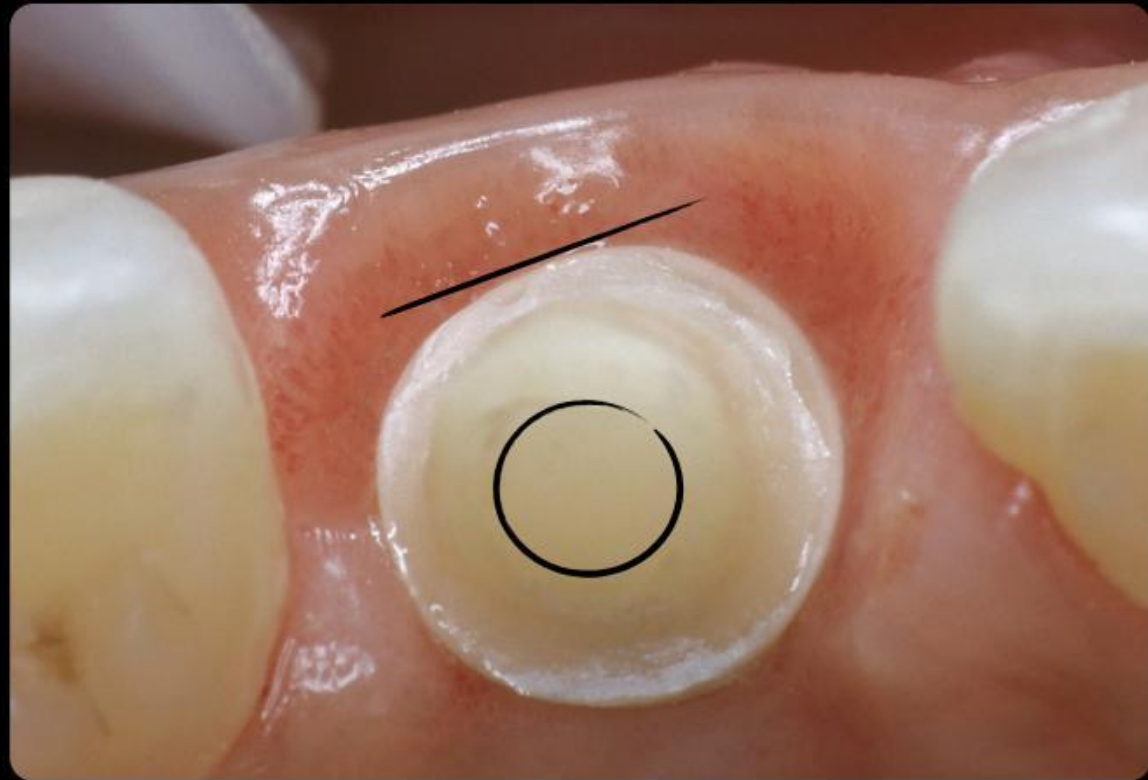
# Surgical

- Hard Tissue
- Soft Tissue
- 3D Implant Position



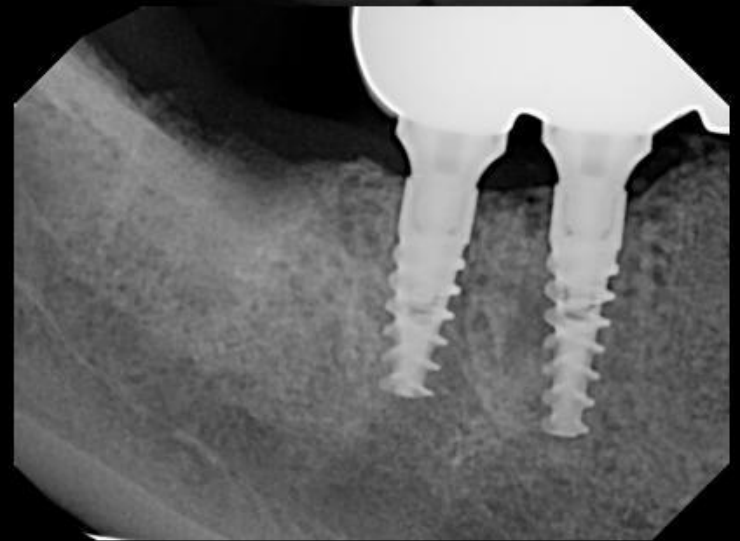
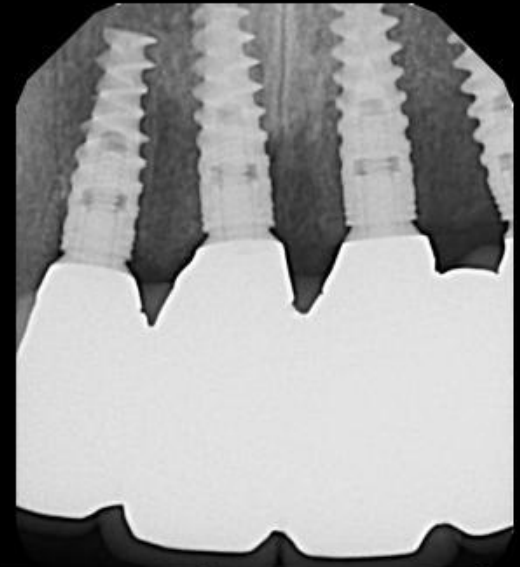
# Surgical

- Hard Tissue
- Soft Tissue
- 3D Implant Position



# Surgical

- Hard Tissue
- Soft Tissue
- 3D Implant Position
- Implant Size



# Restorative

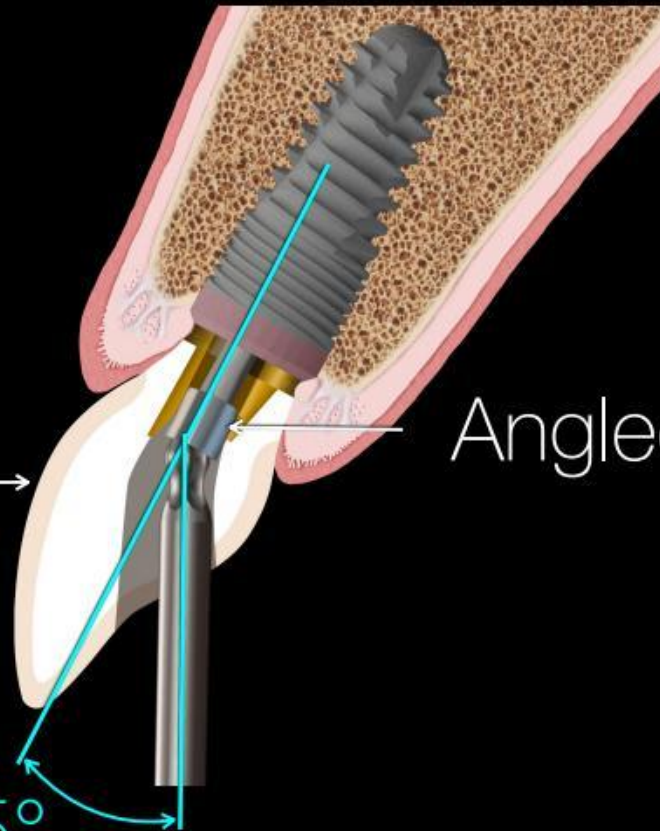
- Screw Access Angle

Ti-base Hybrid

Angled Screw

Screw Access Angle  $\leq 25^\circ$

Angled Screw Channel (ASC)



# Restorative

- Screw Access Angle
- Abutment Dis/Reconnect



Abrahamsson I, et al. J Clin Periodontol 1997

Koutouzis T, et al. Int J Oral Maxillofac Implants 2017

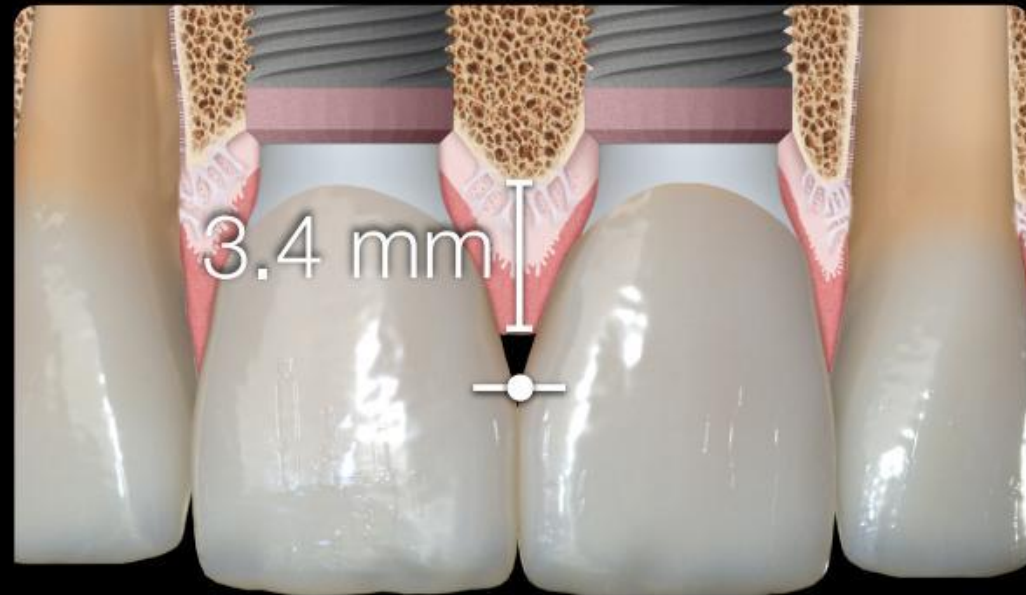
# Restorative

- Screw Access Angle
- Abutment Dis/Reconnect
- Restorative Contours



# Restorative

- Screw Access Angle
- Abutment Dis/Reconnect
- Restorative Contours



# Restorative

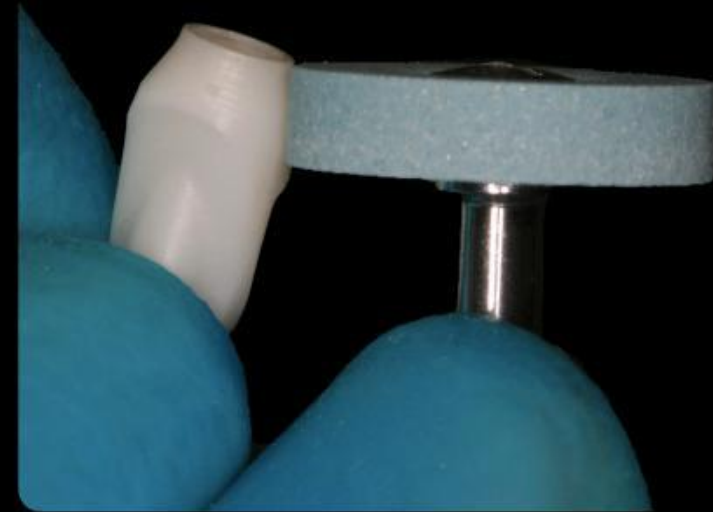
- Screw Access Angle
- Abutment Dis/Reconnect
- Restorative Contours



Salama et al. Developing optimal peri-implant papillae within the esthetic zone. J Esthet Dent 1995;7(3):125-9.

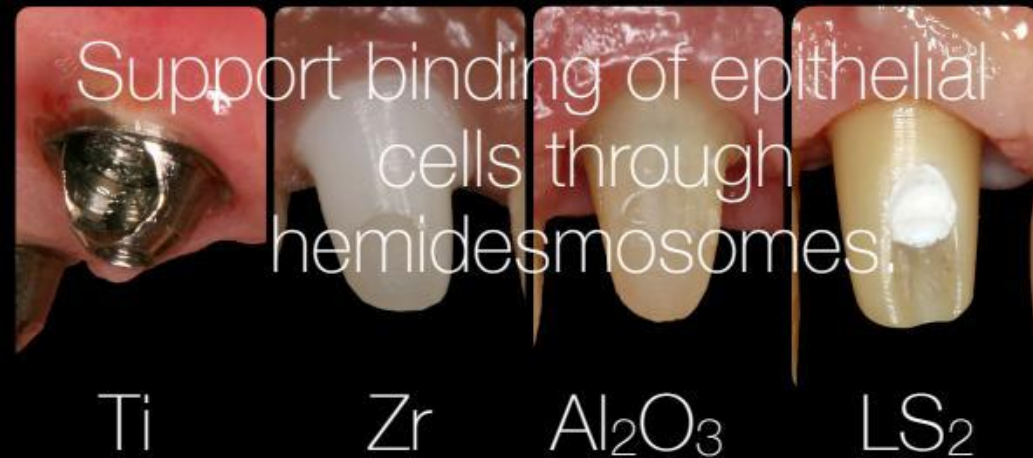
# Restorative

- Screw Access Angle
- Abutment Dis/Reconnect
- Restorative Contours



# Restorative

- Screw Access Angle
- Abutment Dis/Reconnect
- Restorative Contours
- Restorative Materials

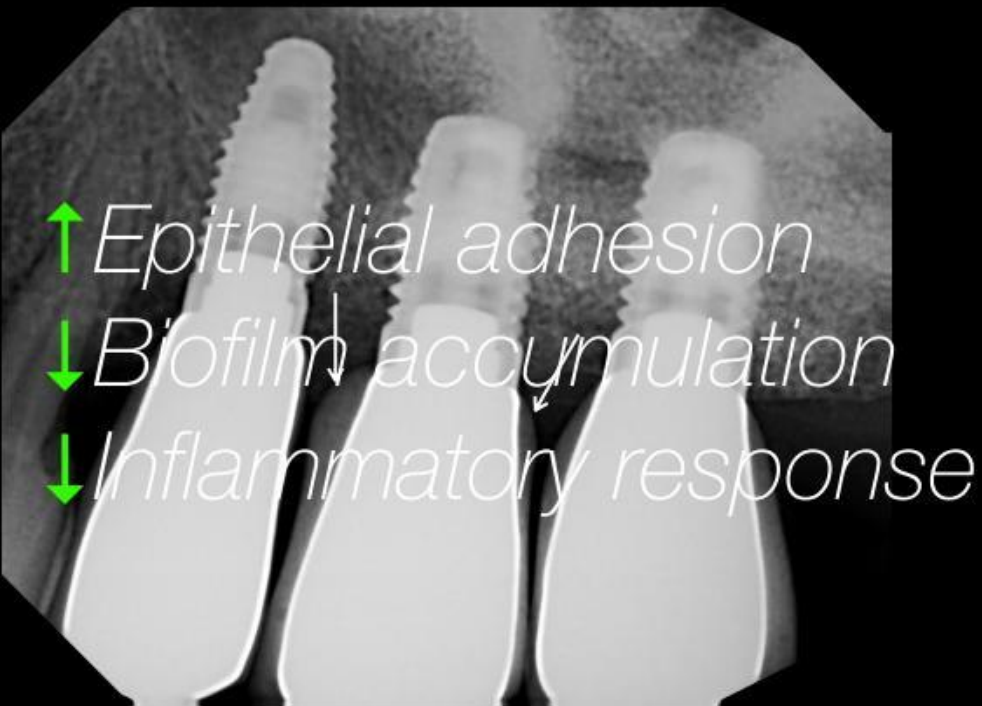


**Abrahamsson I, et al.** J Clin Periodontol 1998.

**Abrahamsson I, Cardaropoli G.** Clin Oral Impl Res 2007.

**Obake E, et al.** Adhesion Properties of Human Oral Epithelial-Derived Cells to Zirconia. Clin Implant Dent Relat Res 2016;18:906-916.

# Clinical Objectives



**Scotti R, et al.** Early biofilm colonization on polished- and glazed-zirconium ceramic surfaces. Preliminary results. *Minerva Stomatol.* 2006 Sept;55(9):493-502. PMID: 1714642.



**Brunot-Gohn, C, et al.** Soft tissue adhesion of polished versus glazed lithium disilicate ceramic for dental applications. *Dent Mater.* 2013;29:e205-12.

# Restorative

- Screw Access Angle
- Abutment Dis/Reconnect
- Restorative Contours
- Restorative Materials
- Screw vs Cement Retention



**Sailer I, et al.** Cemented and screw-retained implant reconstructions: a systematic review of the survival and complication rates. *Clin Oral Implants Res.* 2012;23:163-201.

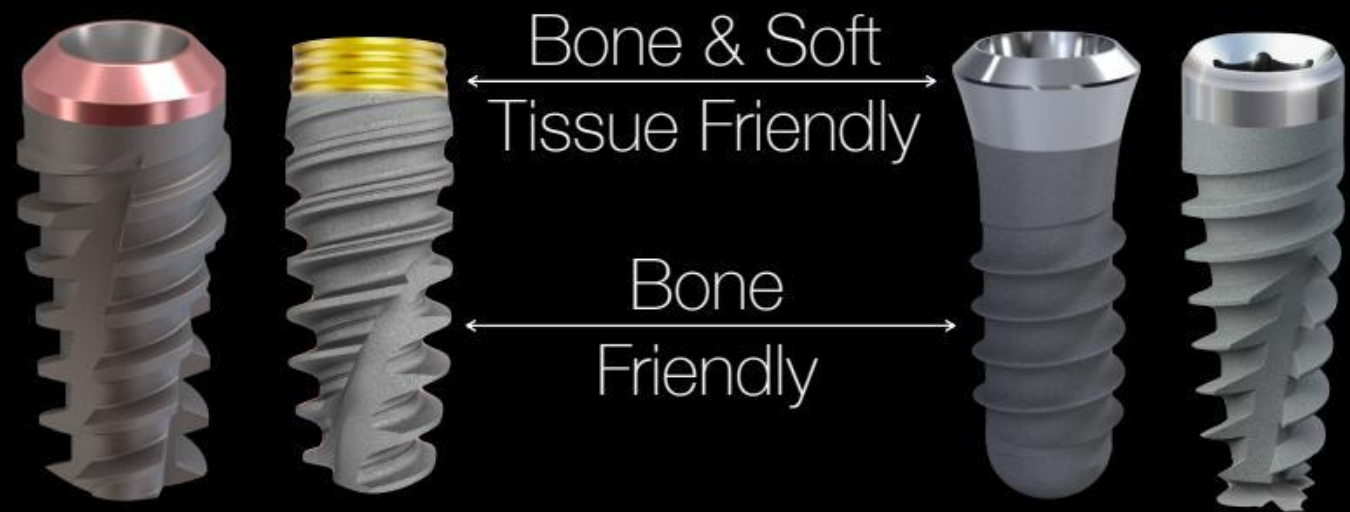
# Restorative

- Screw Access Angle
- Abutment Dis/Reconnect
- Restorative Contours
- Restorative Materials
- Screw vs Cement Retention
- Mutually Protected Occlusion



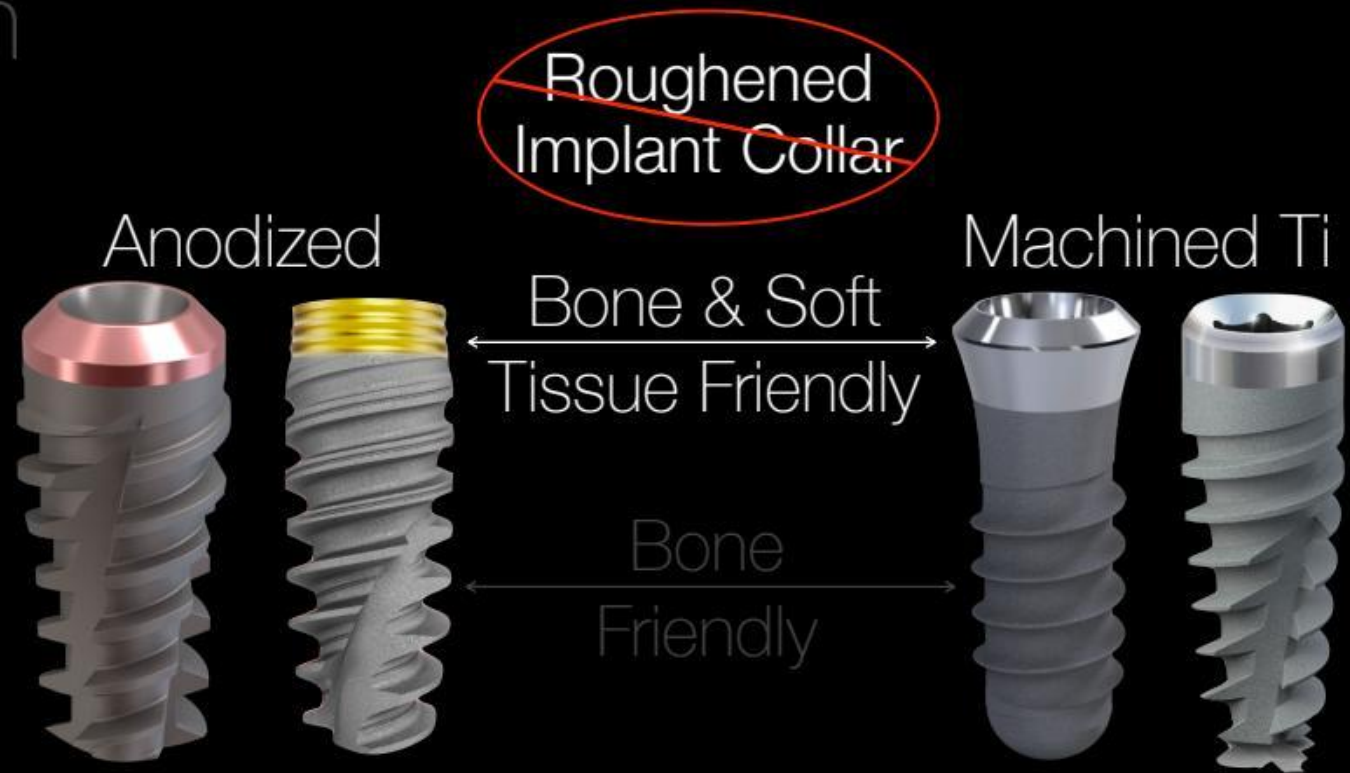
# Implant Collar Features

- Hybrid Design



# Implant Collar Features

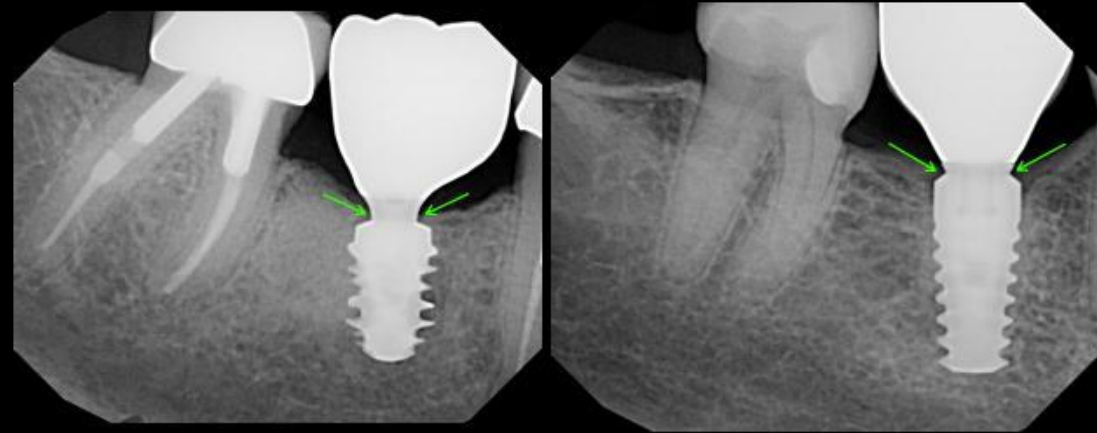
- Hybrid Design
- Collar Surface



# Implant Collar Features

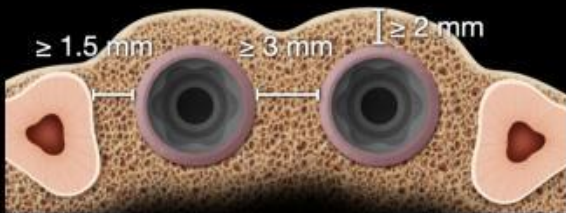
- Hybrid Design
- Collar Surface
- Abutment-Implant Connection

Platform switch

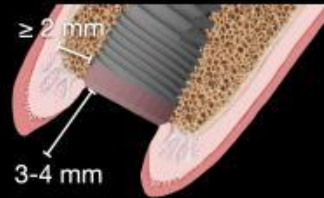


**Lazzara RJ, Porter SS.** Platform switching: A new concept in implant dentistry for controlling postrestorative crestal bone levels. *Int J Periodontics Restorative Dent* 2006.

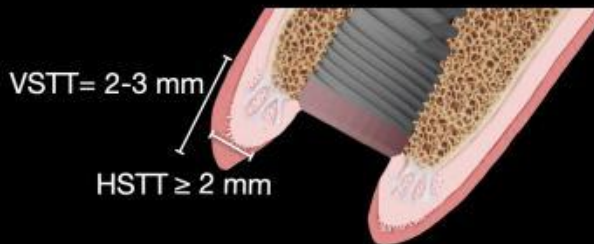
# Surgical



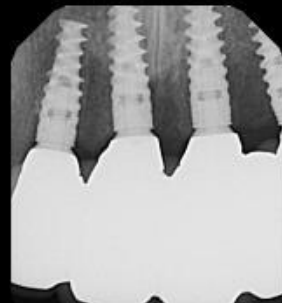
Hard Tissue



3D Position



Soft Tissue



Implant Size

# Implant Collar

Hybrid Design



Platform Switch



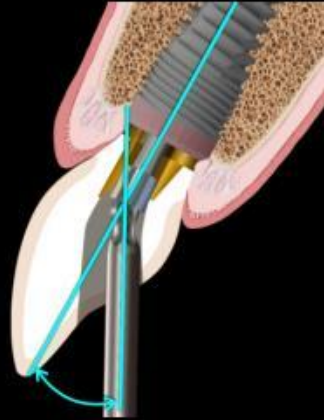
Anodized or Machined Collar

# Restorative

Dis/Reconnect



Screw Access



Retention

Contours



Occlusion

Biocompatibility

# Roadmap



Coordination

Philosophy

Surgical & Restorative  
Parameters

# Immediate Placement / Delayed Load









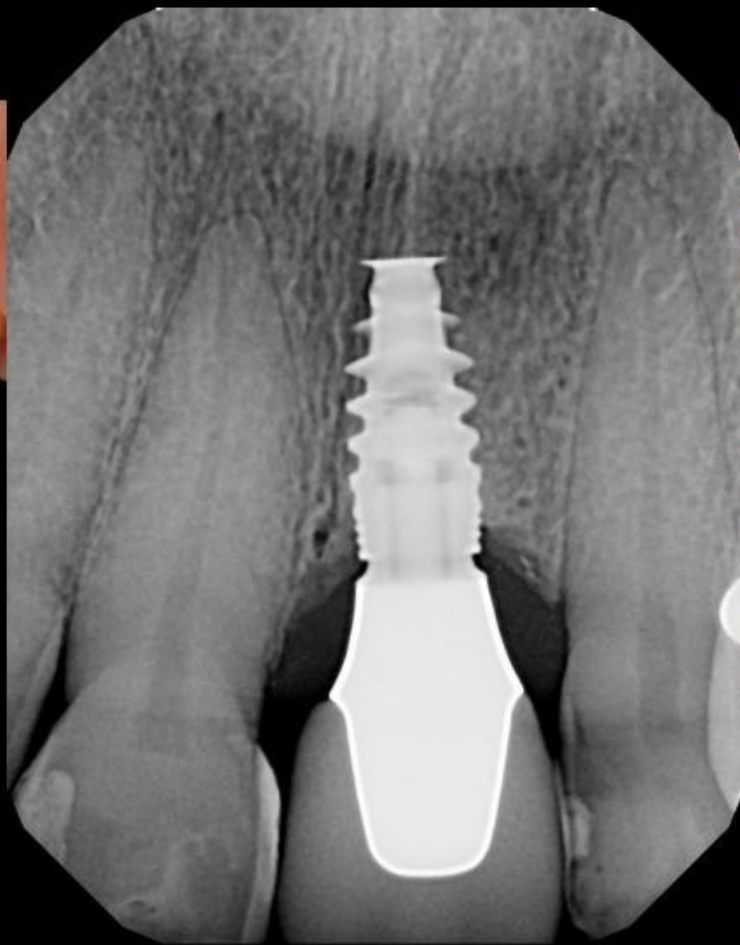


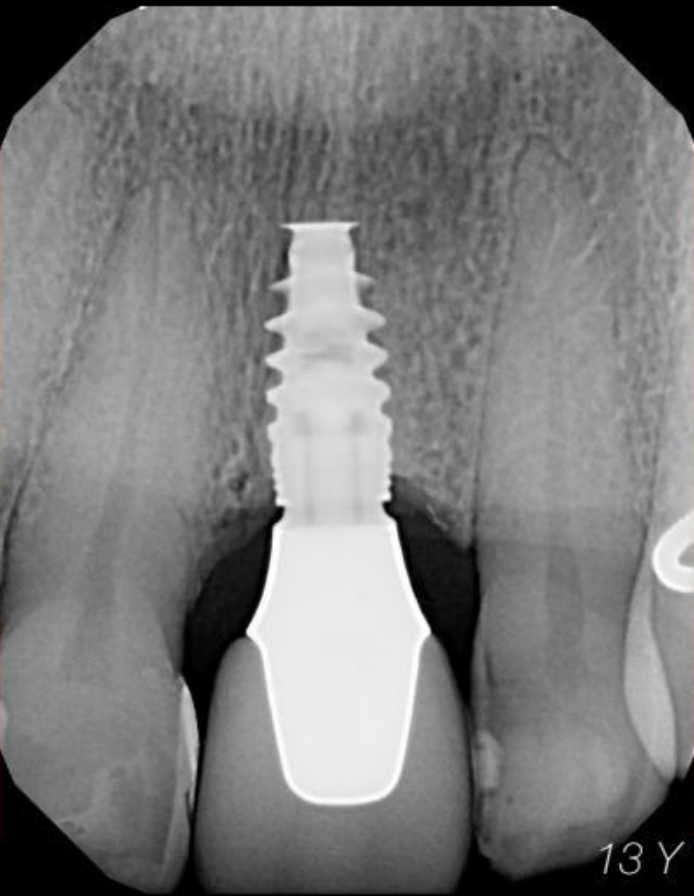
19 Y

# Delayed Placement / Immediate Load









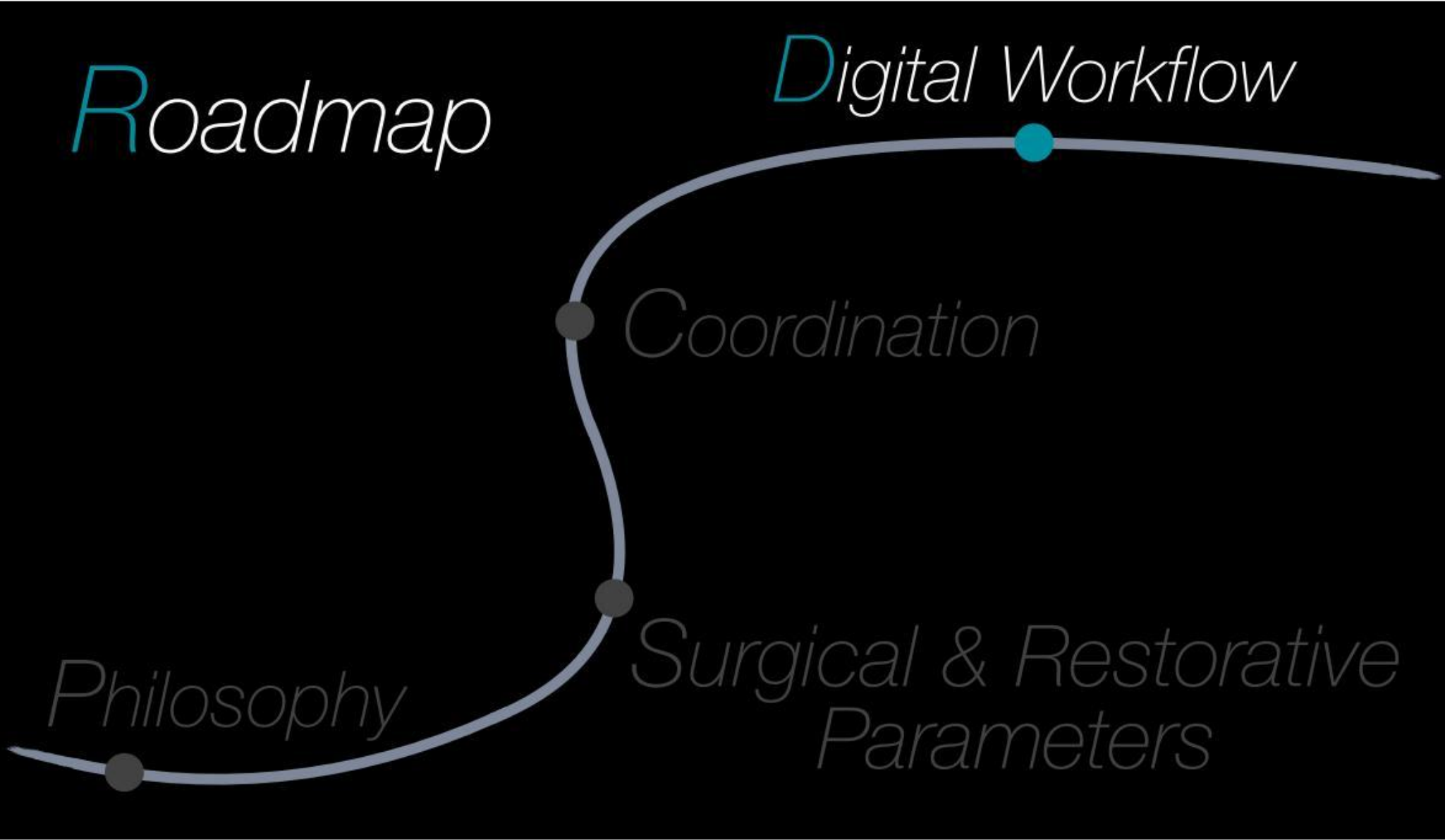
*Roadmap*

*Digital Workflow*

*Coordination*

*Surgical & Restorative  
Parameters*

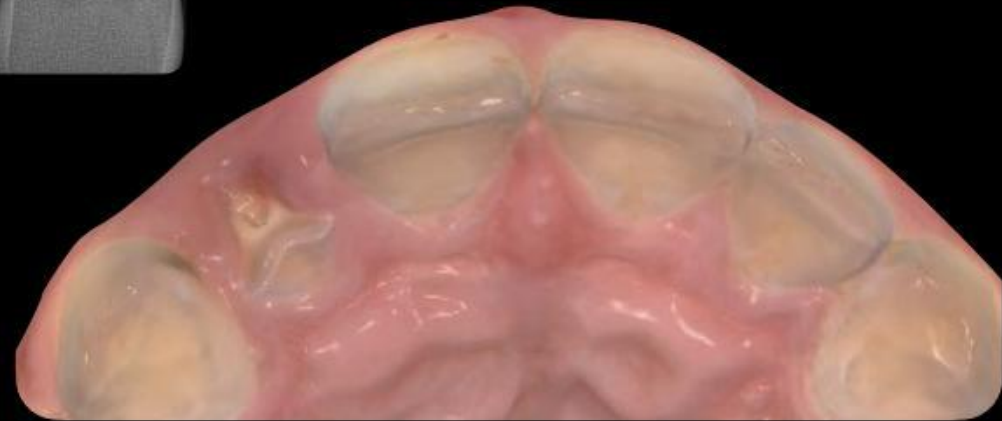
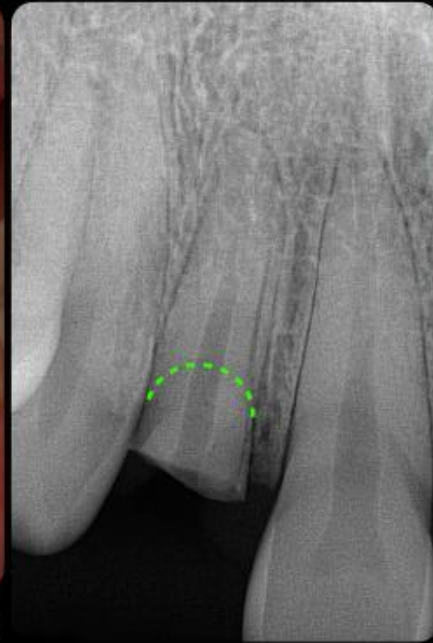
*Philosophy*



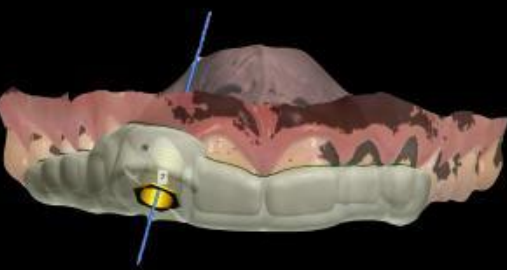
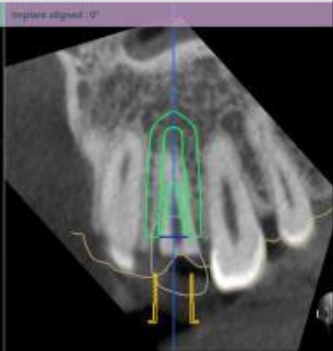
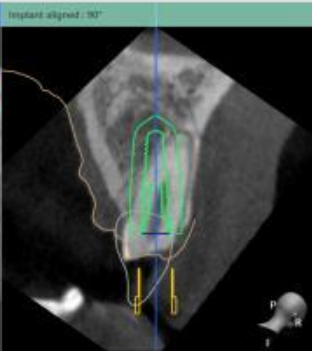
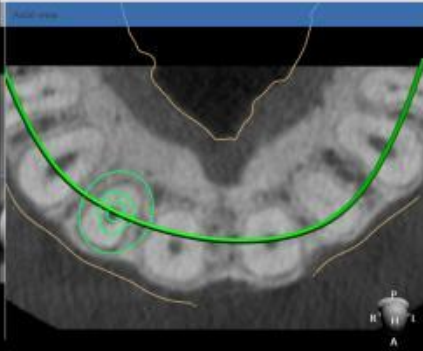
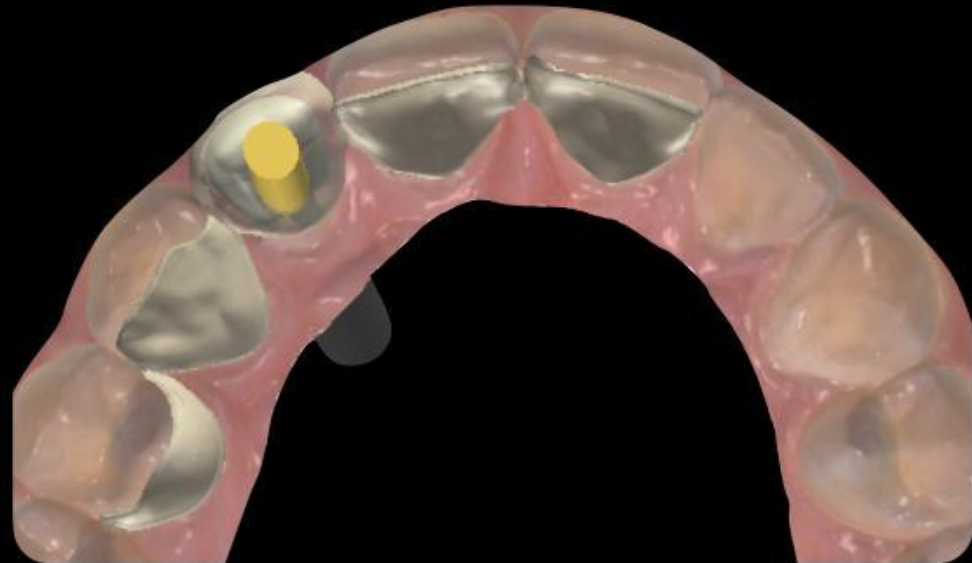
# Anterior Immediate Placement / Immediate Load



Alonzo



# Merged CBCT & IOS





## One Surgery / One Abutment / One Time 2.0

**Giglio G, Giglio, AB.** Achieving optimal implant esthetics using a team approach Part 1 review of evidence-based criteria in implant treatment. *J Prosthetic Dent Digital*. October 2023.

**Tallarico, M, et al.** Definitive abutments placed at implant insertion and never removed: Is it an effective approach? A systematic review and meta-analysis of randomized controlled trials. *J Oral Maxillofac Surg* 2018;76:316-324.



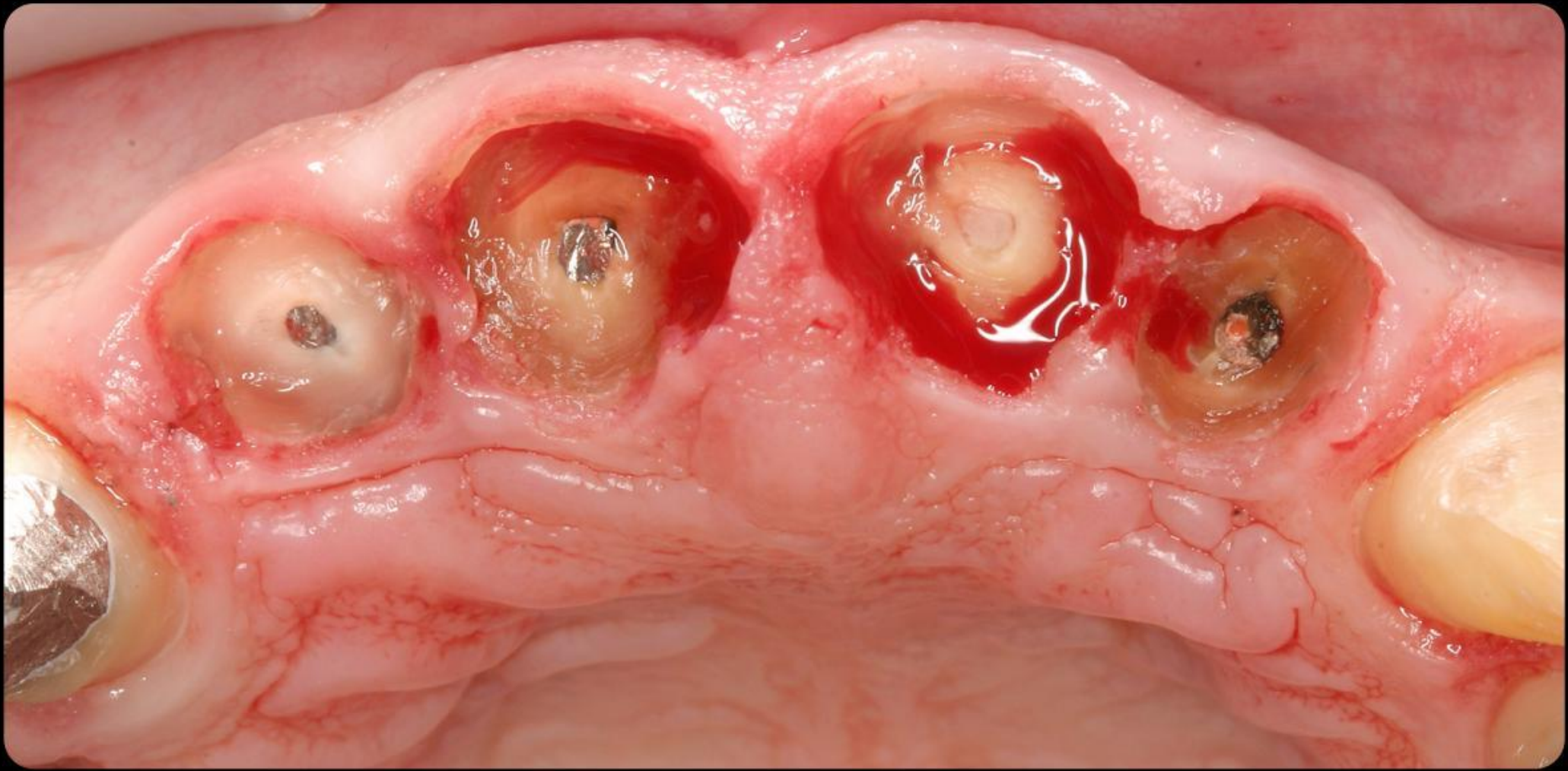
*Erika Ramirez, CDT*

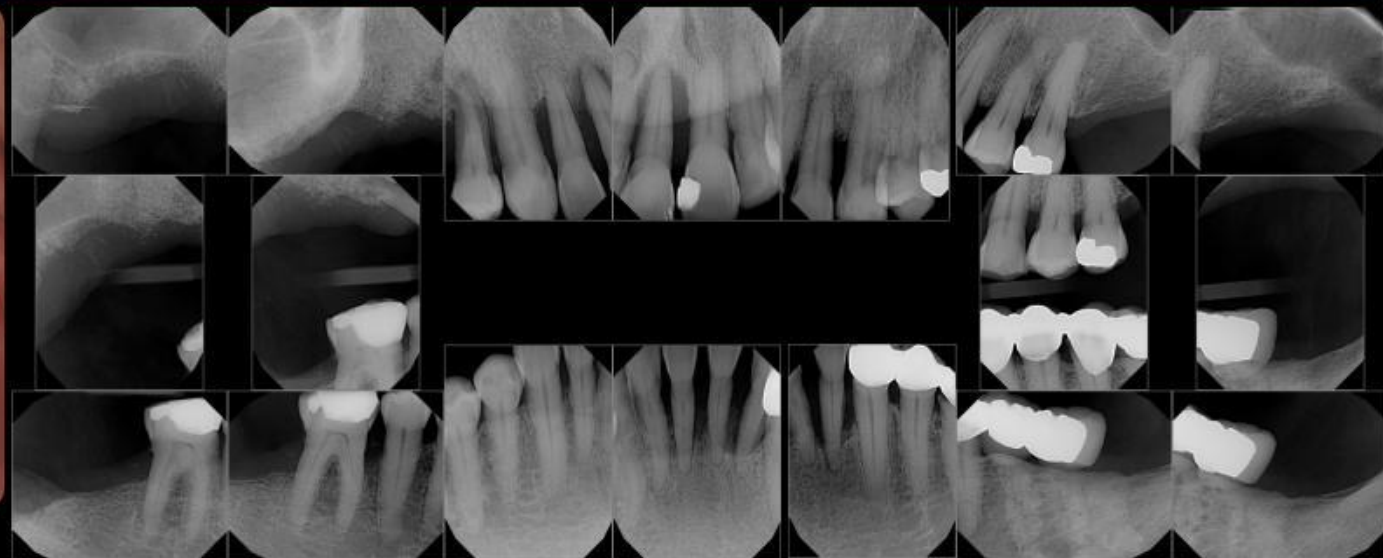
*Shmuel Koenov, MDT*



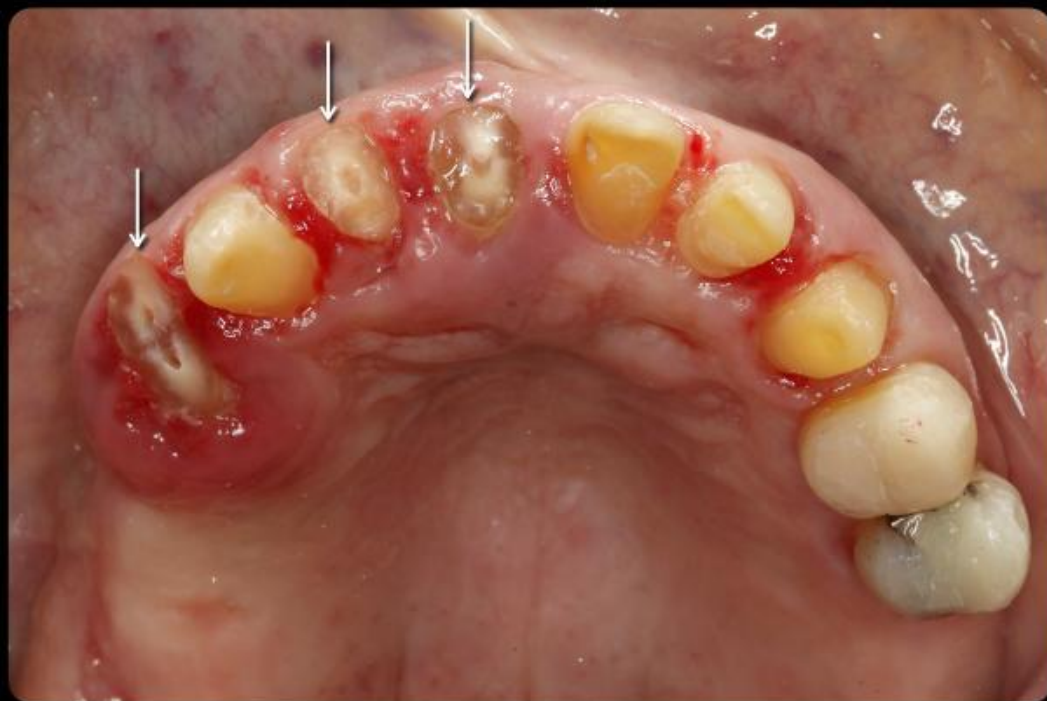
**Giglio AB, Giglio, G.** Conducting a 25 year retrospective study on the survival rate of one abutment—one time on hundreds of patients.

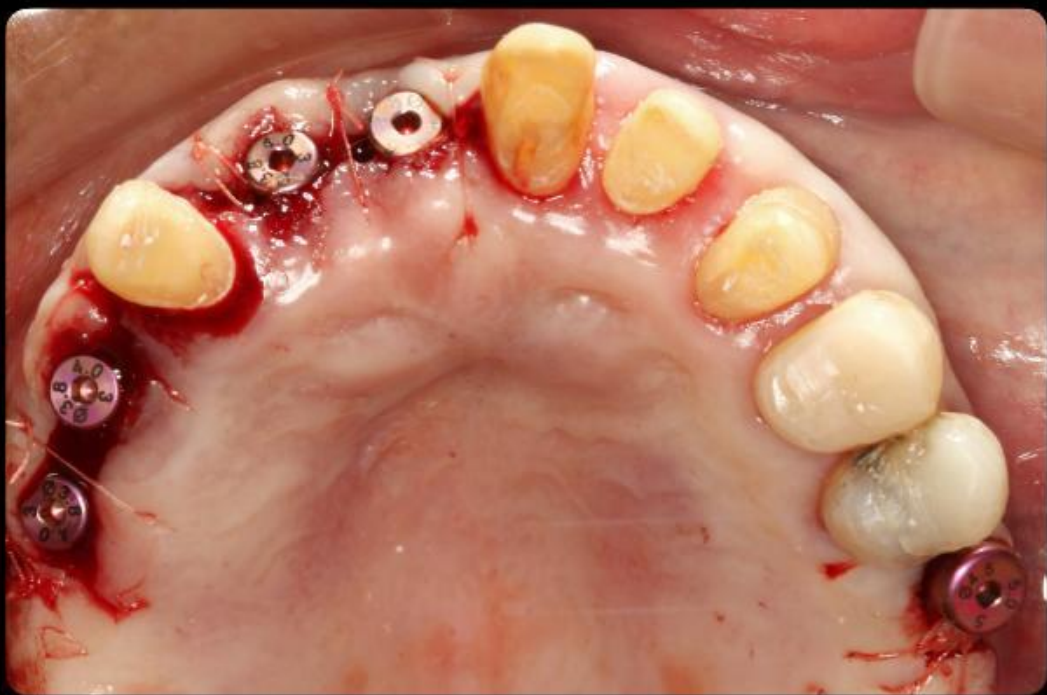
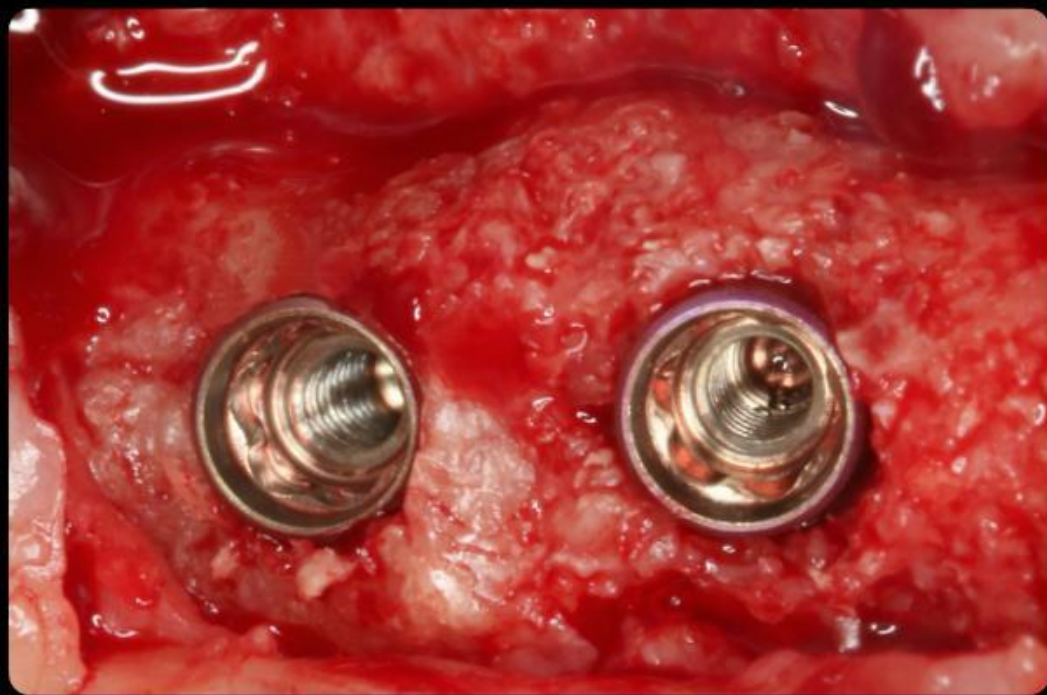
# Pre-surgical Decoronation & Provisionalization

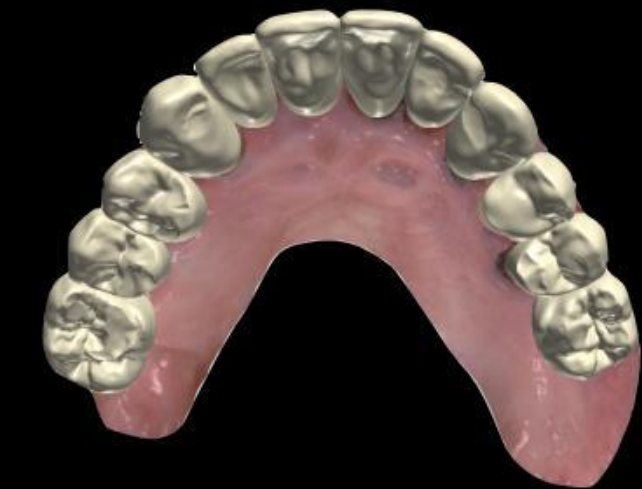


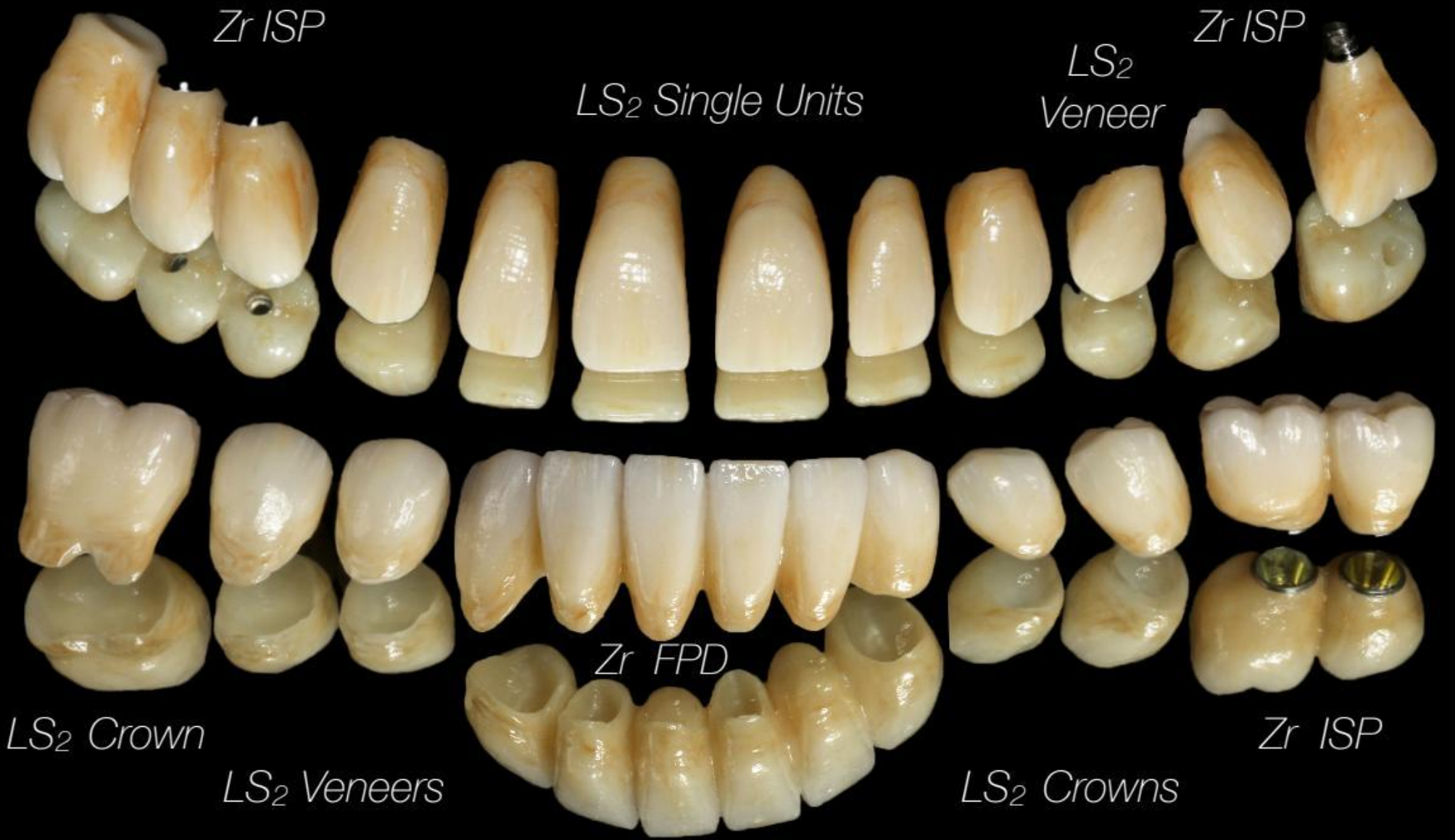












Zr ISP

LS<sub>2</sub> Single Units

LS<sub>2</sub>  
Veneer

Zr ISP

LS<sub>2</sub> Crown

LS<sub>2</sub> Veneers

Zr FPD

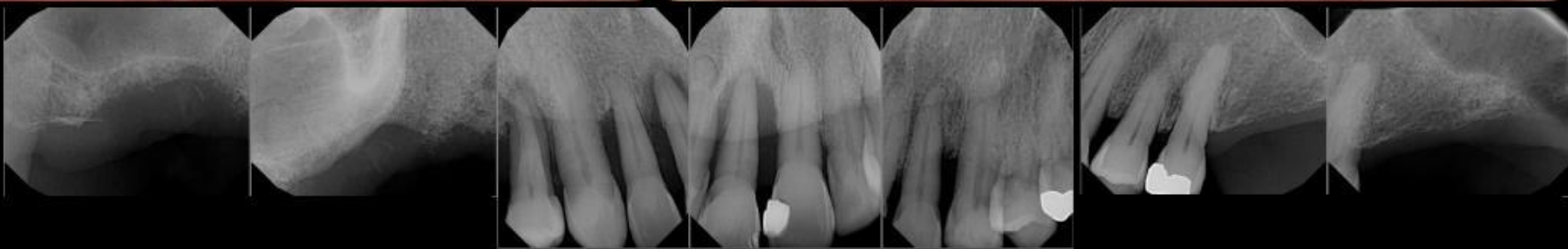
LS<sub>2</sub> Crowns

Zr ISP

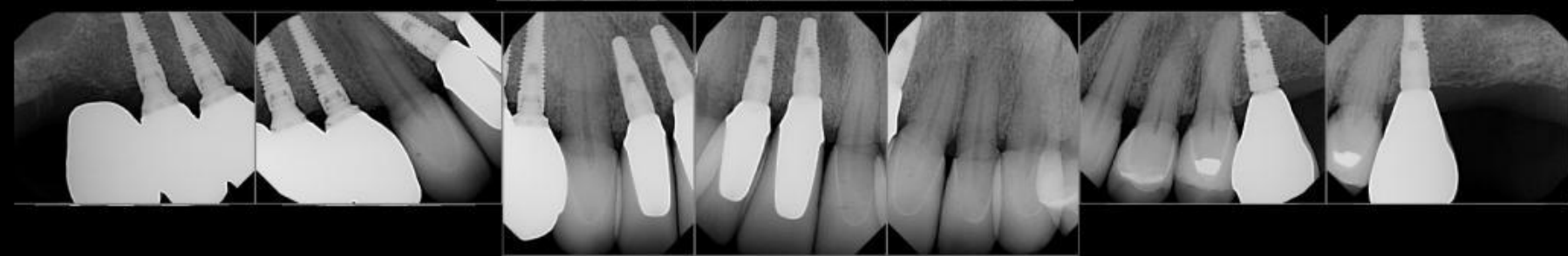


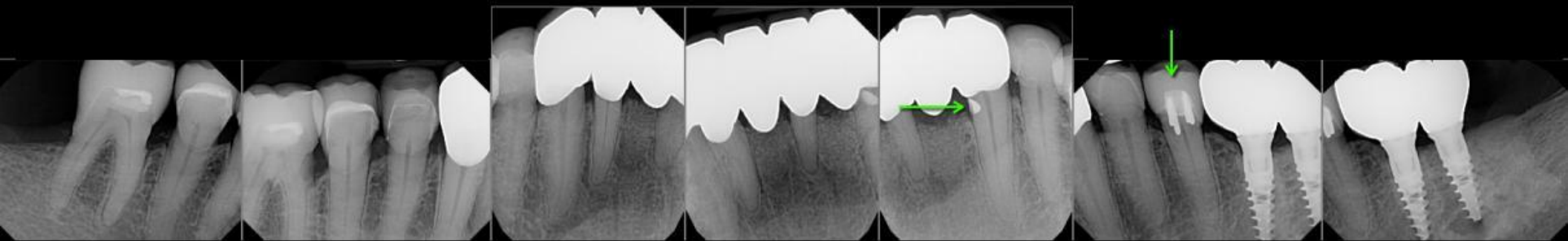
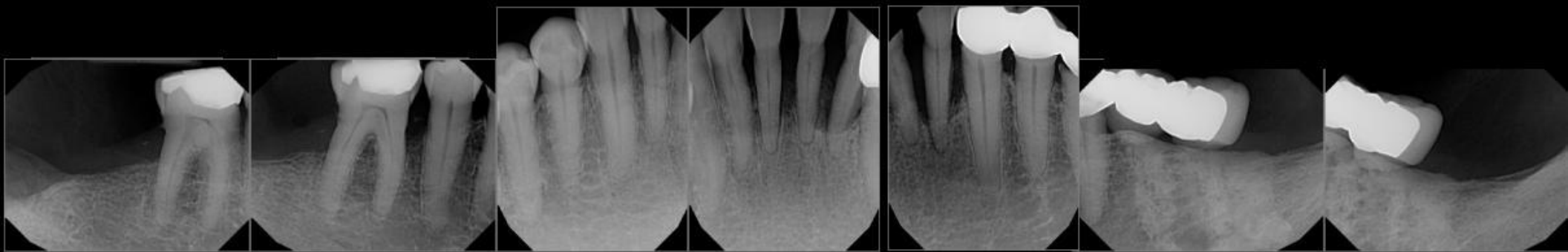


Pre-Tx



Post-Tx

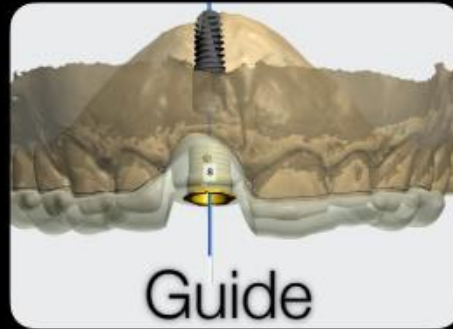
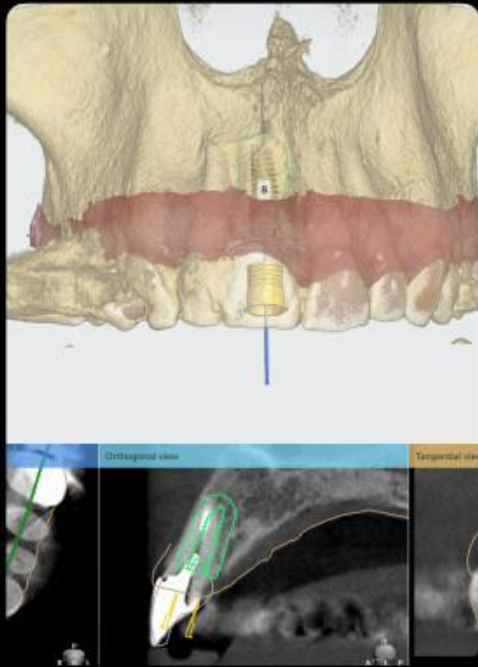




# Delayed Placement / Immediate Load



# Planning & Digital Design



Print

Mill



Planning

CAD

CAM





## One Abutment / One Time

**Canullo, L, et al.** Clinical Considerations on Strategies That Avoid Multiple Connections and Disconnections of Implant Abutments. *Int J Periodontics Restorative Dent* 2020;40:9-17.







# Take Home Messages

- Primary Stability
- Correct Implant Position
- Sufficient Hard and Soft Tissues
- One Surgery/One Abutment/One Time
- Proper Prosthetic Design
- Biocompatible Restorative Materials



ご清聴まことにありがとうございました。



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Graziano D. Giglio, D.D.S.  
dr@gdental.com