

Advances In Prosthodontics™

New Findings & Best Practices for Cosmetic & Restorative Dentistry

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Do You Have a Patient with Missing Teeth?



Here's the story of a patient who was referred from another patient...

This treatment had it all: planning/sequencing, smile design, atraumatic surgery, multidisciplinary knowledge/approach, immediate implant placement, loading techniques, and more!

If you have a patient with several missing, broken or severely worn teeth — they may be a candidate for oral rehabilitation with the assistance of an advanced Prosthodontist.

Read more on the next page...

◆ Do you want another opinion on a complex case? Or to talk and share ideas?

There are many ways we can help each other by working together on complex cases and by sharing knowledge and experience. With your reputation for quality dental care, and our experience with restorative treatments, we can work together on advanced cases and both benefit! If you'd like to discuss a treatment, or talk on the phone about how we can help each other, please call or email our office with specific days and times when you're available.

Prosthodontic Publication

Want to see recent issues?

Stay informed on new findings and best practices for cosmetic and restorative dentistry. See more examples of complex cases online at:

**AdvancedProsthodontist.com
/ PleasantonPros**

CASE SUMMARY:

Optimizing Esthetic Harmony with Diverse Restoration Types

by Dr. Olivia Nguyen, Prosthodontist
Pleasanton Prosthodontics

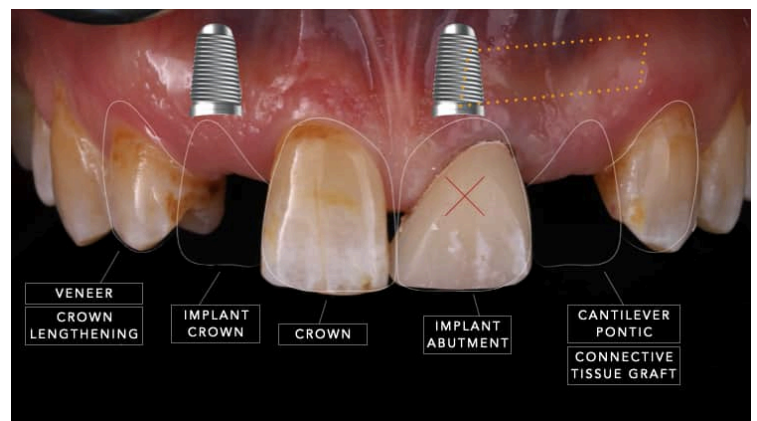
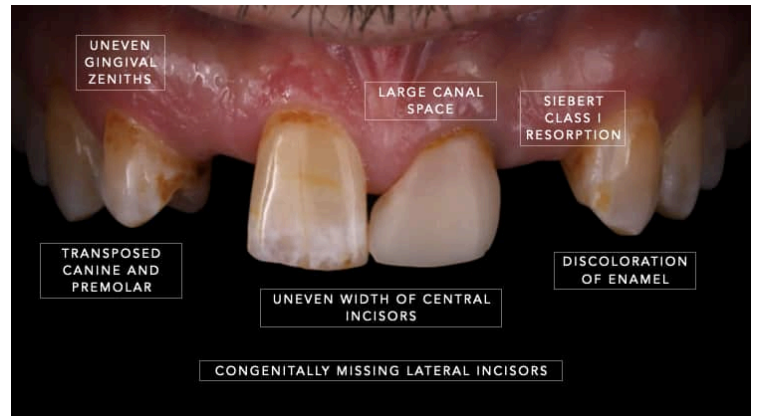
Patient “Seth” was referred to me by his aunt who is a patient. His chief complaint: “I was born with missing teeth and I want implants.” He had a flipper made 8 years prior but wanted a better solution.

Seth presented with the following: Congenitally missing laterals ... Unevenly sized centrals ... Transposed maxillary right premolar and canine ... Uneven gingival zeniths ... Siebert Class I resorption ... Large canal space #9 ... Discoloration of enamel from areas of remineralization.

As prosthodontists, we have experience with complex cases, and can plan multi-stage treatments that coordinate with a patient’s general dentist and other dental specialists. We are also comfortable treating patients with high esthetic demands because we often treat complicated dental issues and have developed protocols to ensure a high esthetic and functional outcome for the restorations.

Seth’s treatment plan included: #6 veneer ... #7 single implant crown ... #8 single crown ... #9 implant abutment (immediate loaded) ... #10 cantilever pontic.

Continued on next page...



More photos on next page...

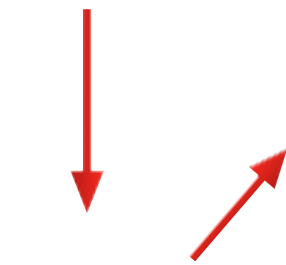
◆ Do you have a patient in Seth’s Situation? Or another complex case?

If you have a question about a case and want another opinion, give our office a call. Or, if there’s a case that you want to work together on, please fill out and send in the enclosed referral form.

We will take great care of your patient and keep you informed. Dental professionals refer to us as **The Complex Case Specialists™** because we perform complex cases every day.



Immediate implant placement and loading allows for preservation of alveolar bone and periimplant mucosa, along with more predictable esthetics!



12 weeks
The beauty of CTG and how soft tissue can be bulked at site #10



15 weeks
Custom impression coping to capture emergence profile



Seth was extremely happy with the outcome. I wanted to show this case to emphasize the importance of the diagnostic phase and that predictable results of hard and soft tissue can be achieved with careful planning.

What made this case challenging was:

- (1) Optimizing the esthetic harmony with 5 different types of restorations.
- (2) Immediately loading of the implant. There can be many complications due to immediate implant placement, such as loss of buccal bone and/or no primary stability. On the next page, I'll share more about immediate implant placement, to know if your patient is a good candidate.

We give all referred patients a warranty and refer them back to the general dentist for regular hygiene unless advised otherwise by the referring office, depending on the patient and treatment. If you have questions about our prosthodontic protocols, please email us:

office@pleasantonpros.com

With 2 prosthodontists in the same specialty practice, we have increased capacity to work with you on challenging treatments, so your patients don't have to wait weeks to get a plan for comprehensive care and/or to address reconstructive emergencies. In addition, we have digital workflows that reduce the number of appointments even for comprehensive treatment, while still maximizing function and esthetic outcomes, so your patients can receive restorative care in fewer appointments.

◆ **How can a Prosthodontist assist you and your dental team?**

We specialize in the treatment of complex cases, usually involving several procedures over months of care. The next time you see a challenging case, please feel free to call us and we can discuss treatment planning or help you with any part of the treatment.

Our goal is to be a resource for your office by helping manage difficult and time-consuming procedures, restoring the function and esthetics that the patient desires, then referring them back to your office for their ongoing care.



Immediate Implant Placement Evaluation

by Dr. Olivia Nguyen, Prosthodontist
Pleasanton Prosthodontics

Immediate implant placement can significantly reduce treatment time down to just 16 weeks, compared to 42 weeks with delayed placement, or even 32 weeks with early placement. That being said, it's not the correct approach for every situation. Here are some tips to see if immediate implant placement could be part of a treatment plan...

Prerequisites for Immediate Implant Placement:

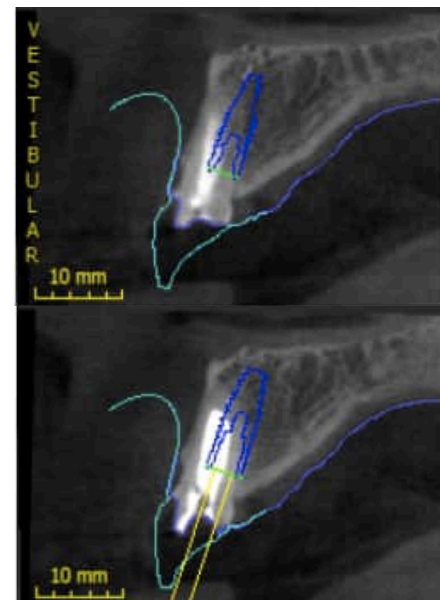
- Availability of bone apical and palatal to the socket for primary stability
- Facial bone \geq 2mm away from the buccal surface of the planned implant (gap)
- Thick soft tissue
- No acute infection
- Intact socket walls (buccal bone intact) *

Socket Classification (Elian 2007)¹

- **Type 1:** Facial soft tissue and buccal plate are at normal levels
 - **Type 2:** Facial soft tissue is present but buccal plate is partially missing *
 - **Type 3:** Facial soft tissue and buccal plate are both missing *
- * Type 2 and 3 = immediate placement is **CONTRAINDICATED**

Root position Classification (Kan 2007)²

- **Class 1:** Root is positioned against the labial cortical plate
 - **Class 2:** Root is centered in the middle without engaging the labial or palatal cortical plates at the apical 1/3 of the root *
 - **Class 3:** Root is positioned against the palatal cordial plate
 - **Class 4:** At least 2/3 of the root is engaging both the labial and palatal cortical plates *
- * Type 2 and 4 = immediate placement is **LESS** ideal



Sources: (1) Elian, Nicolas, Cho, Sang-Choon, Froum, Stuart, Smith, Richard B, & Tarnow, Dennis P. (2007). A simplified socket classification and repair technique. *Practical Procedures & Aesthetic Dentistry*, 19(2), 99. (2) Kan, Joseph Y K, Roe, Phillip, Rungcharassaeng, Kitichai, Patel, Rishi D, Waki, Tomonori, Lozada, Jaime L, & Zimmerman, Grenith. (2011). Classification of sagittal root position in relation to the anterior maxillary osseous housing for immediate implant placement: A cone beam computed tomography study. *The International Journal of Oral and Maxillofacial Implants*, 26(4), 873-876.

◆ Why other dental professionals work with a Certified Prosthodontist

Certified Prosthodontists are specialists in implant, esthetic, and reconstructive dentistry.

1. You have a patient requiring treatment outside your typical scope of practice.

Examples include patients with vertical dimension discrepancies, severely resorbed ridges, inadequate interarch space, severe bruxism, traumatic tooth loss, or congenital abnormalities.

2. You have a patient with complex needs that may drain your time.

If your patient may require treatment from several specialists, Prosthodontists can help because they are trained to appropriately stage and manage complex treatment plans.

3. You have a demanding patient who wants perfect esthetics.

Examples include patients with a high smile line or needing a single tooth replacement in the esthetic zone. A Prosthodontist is trained in selecting the best solutions for high-demand patients.

4. You have a question and want to discuss a case with a colleague to ease your mind.

A Prosthodontist can be an excellent resource for you to ask questions because they are trained in many types of complicated treatments. For example, you may want to consult or refer to a Prosthodontist for complex implant-supported restorations. A Prosthodontist can work with you or complete the treatment for you to achieve the best in both function and esthetics.