

Advances In Prosthodontics™

New Findings & Best Practices for Cosmetic & Restorative Dentistry

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Do You Have Patients with Failing Dentition or Restorations?



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

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 meet 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 my experience with restorative treatments, we can work together on advanced cases and both benefit! If you'd like to meet to discuss a treatment, or talk on the phone about how we can help each other, please call or email me with specific days and times when you're available to talk or meet.

Prosthodontic Publication

Want to see recent issues?

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

AdvancedProsthodontist.com / Chao

CASE SUMMARY: Oral Rehabilitation of Atrophic Maxilla using Zygomatic Implants

by Dr. Maggie Chao, Prosthodontist

Patient “Jane” was referred to me by another dental professional in the area who was busy with their patient load, and Jane’s needs were more complex than they wanted to take on. I met with Jane at her initial consultation, then had a follow-up visit with full X-rays.

Jane had severely atrophic maxilla and Classic Combination Syndrome. About 10 years ago, she lost her maxillary teeth after a traumatic car accident. She was wearing dentures but recently had dental implants placed for a maxillary overdenture. When I met her, one implant had already failed, another one was stuck in her denture! (see image on right...) She had been going through various surgical treatments for 1.5 years with little success.

My diagnosis was for immediate extractions, implant placement, and immediate load of both maxilla and mandible in order to correct her occlusal plane and restore functional occlusion. After explaining the treatment plan, Jane decided to move forward. Her treatment plan included working with me to manage the case and an oral surgeon to place her new teeth. The total treatment time was 9 months, but her teeth were fixed the same day as surgery.

Jane enjoyed having fixed teeth for the first time in over 10 years and told my office, “I wish I had done this sooner. I suffered for so many years and my dentist tried hard but didn’t seem to know how to handle my situation. I just love my smile. Now, if only my medical insurance would pay for it!”



Before



After

I gave Jane my full warranty when I sent her back to the referring office for long-term care. I 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 my prosthodontic protocols, please email me at: drchao@pleasantonpros.com

◆ Do you have a patient in Jane’s situation? Or another complex case?

If you have a question about a case and want another opinion, give my 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.

My office and I will take great care of your patient and keep you informed. Dental professionals refer to me as **The Complex Case Specialist™** because I perform complex cases every day.

Quickly Get the Latest Research On Procedures & Materials For Better Outcomes...

Implant Treatments and Complications in Private Practice

Jason Hsuan-Yu Wang, BDS, DCD/Roy Judge, BDS, LDS, RCS, MSc, PhD/ Denise Bailey,
BDS (Hons), MSc, Grad Cert. Int J Prosthodont 2016;29:435-444. doi: 10.11607/ijp.4794

Purpose

This report aims to describe the restorative outcome of 5,491 implant-supported single crowns, fixed partial dentures, and splinted restorations that were prescribed or had implants placed during the study period. Timing of the complications and the relationship between the complications and different factors (practitioner, patient, and restoration) are examined.

Materials and Methods

Dental clinicians qualified in or before December 2004, registered in Victoria, and placing and/or restoring implants in private practice were invited to participate in the study. Data extraction was conducted by two trained and calibrated research assistants with specific training in implant terminology and previous research experience extracting data from dental records. Prostheses average time observed/in function was calculated using the difference between the definitive restoration date and the patient record examination date or the date of implant/restoration lost. Both descriptive statistics and generalized linear mixed modeling were used to describe the restorative complications.

Results

Over the study period a total of 499 mechanical complications were recorded. Single-implant crowns had the largest sample size ($n = 4,760$) and a recorded complication rate of 2.56 per 100 prostheses per year. The majority of screw loosening recorded in this study were inadequately described. In single-implant crowns, abutment screw loosening occurred at a rate of 0.07 per 100 per year while unspecified screw loosening occurred at a rate of 0.53. Lateral screw loosening was more common in lateral screw-retained implant crowns (1.06) than decementation was in cement-retained implant crowns (0.57). Esthetics (0.25), veneer chipping or fracture (0.41), and food packing/contact point issues (0.53) also represent significant portions of the restorative complications. Each type of complication presented with a slightly different timing profile. Clustering within the first year was common. The ratio of screw loosening between the group who prescribed between 1 and 100 during the study period and those who prescribed more than 501 implant restorations was 1:0.15 ($P = .005$). Patients with operator-reported attrition had double the rate of veneer fracture ($P = .005$). Contact point issues were approximately three times more common in the posterior segment ($P = .001$).

Conclusion

During the period of January 2005 to December 2009, screw loosening, lateral screw loosening, decementation, esthetic complication, veneer chipping or fracture, and food packing/contact point issues were recorded at different rates for different types of prostheses in the private practices included in this study. Clusters of several complications within the first year were observed. For single-implant crowns, screw-loosening complications were less frequent in the more experienced group. Operator-reported attrition was related to higher rate of veneering material fracture. More contact point complications were found in the posterior regions of the oral cavity.

◆ Have A Laugh: Denture Dessert...

I hope I made you smile during your busy day! I take the care of patients referred to me very seriously, including knowing how to educate them so they feel comfortable. I 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 me and we can discuss treatment planning or I can help you with any part of the treatment. My 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.



Dr. Maggie T. Chao

DMD, Prosthodontist ♦ The Complex Case Specialist™

Let's change patients' lives by working together using this communication tool with complex treatments!



About Pleasanton Prosthodontics:

Pleasanton Prosthodontics is a specialty practice limited to fixed and removable prostheses, dental implants, and all phases of esthetic dentistry. Dr. Chao's extensive prosthodontic training and private practice experience make treatments of complex cases more successful, including the following examples: Patients with ill-fitting dentures, severely worn or damaged teeth can receive a single dental implant or a full arch of natural-looking teeth... Patients who have suffered from traumatic injury, congenitally missing teeth, or a chronic condition can receive oral prostheses, which may be a combination of dental implants, crowns, bridges, or veneers... Patients with severe neglect of their oral health can receive a full reconstruction to restore function & esthetics.

PleasantonPros.com/doctor-referral

There are 2 ways to use this section of Dr. Chao's website to make treatment communication easier, help patients, and do less administrative work: 1) **Online Referral Form** is fast and secure, and 2) **Collaborator** (example to right) allows sharing of documents, radiographs, CT scans, and messages... organized and available to all colleagues working on a case... and HIPAA compliant with no software to install - simply create a password and log on anytime you want to view / update info. **It's free to use!**

This collaborator tool makes inter-office communication easier

Patient	Treatment	Referred by	Assigned Doctor(s)	Status	Modified	
...	No treatment specified	...	Maggie Chao	Surgery	2/28/2018	View
...	BR04 - prosthetic case	Accepted	2/27/2018	View
...	BR04	Surgery	2/27/2018	View
...	No treatment specified	...	Maggie Chao	New	2/27/2018	View
...	LAB	Maggie Chao	...	Post-Op	2/26/2018	View
...	Complete denture prosthesis	Maggie Chao	...	Scheduled	2/24/2018	View

Hide Case Status

1 New 2 Accepted 3 Scheduled 4 Consult Complete 5 Treatment Accepted 6 Surgery 7 Post Op

REFERRAL FORM DOCTOR TALK PATIENT TALK ATTACHMENTS RECENT ACTIVITY

◆ Why other dental professionals work with a Certified Prosthodontist

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.