

Advances In Prosthodontics™

New Findings & Best Practices for Cosmetic & Restorative Dentistry

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Do You Have a Patient with Periodontal Disease?



**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—
or periodontal disease—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
/ Jacobs

CASE SUMMARY: Immediate Full Arch Restorations

Dr. Bryan Jacobs, Prosthodontist

Patient “David” was referred to me by another dental professional in the area due to his complex needs.

David, is a systemically healthy and successful man who, due to time constraints, neglected his mouth. He came in wanting an efficient and long term solution.

David’s diagnosis included:

- Terminal dentition, due to periodontal disease
- Dental caries

As a prosthodontist, I have experience with complex cases, and can plan multi-stage treatments that coordinate with a patient’s general dentist and other dental specialists. I also am comfortable treating patients with high esthetic demands. David felt comfortable knowing that I have experience with complicated dental issues, and have developed protocols to ensure the highest esthetic and functional outcome for the restorations.

David’s treatment plan included:

- Full mouth extraction.
- Placement of eight implants.
- Immediate fixed provisionalization of both arches in one day.
- Final restoration with full-arch zirconia protheses (six months later).

I gave him my full warranty and sent his 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 comments or questions about how I treated David from this example, please email me directly at:

bryanjacobs@dentalprofessionals.com



◆ Do you have a patient in David’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...

Root Fracture of Abutment Teeth for Partial Removable Dental Prostheses

Yoko Mizuno, DDS, PhD / Tomoya Gonda, DDS, PhD / Toshihito Takahashi, DDS, PhD / Akiko Tomita, DDS, PhD / Yoshinobu Maeda, DDS, PhD, Int J Prosthodont 2016;29:461–466. doi: 10.11607/ijp.4327

Purpose

Root fracture is a common and serious cause of abutment tooth loss. No studies to date have comprehensively assessed the individual contributions of the factors that increase stress on abutment teeth. The purpose of this study was to analyze the stress distribution in abutment teeth based on a three-dimensional finite element model and to analyze the factors that affect stress distribution.

Materials and Methods

Models were generated from the computed tomography data of a single patient, consisting of a mandibular second premolar abutment tooth, bone, residual mucous membrane, and a partial removable dental prosthesis (PRDP). Four models were prepared using different types of endodontic posts and cores. Akers clasps were used for the simulated PRDPs, and a vertical load was applied to the occlusal surface of the PRDPs. Debonding between the post and root was simulated. The Young modulus of the residual ridge was reduced to simulate a poor fit between the denture base and the residual ridge. Stress distribution in the abutment tooth root was observed, and the maximum principal stress was evaluated.

Results

The nonmetal post model and the mesial rest model reduced stress concentration in the root. The stress increased in models simulating debonding and poor fit. The results of the multiple linear regression analysis confirmed that debonding and poor fit were significantly associated with root stress.

Conclusions

Within the limitations of this study, it is suggested that the bonding integrity of posts and adequate fit of the denture base are important factors affecting the longevity of abutment teeth for PRDPs.

◆ Have A Laugh: Pumpkin Braces...

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.

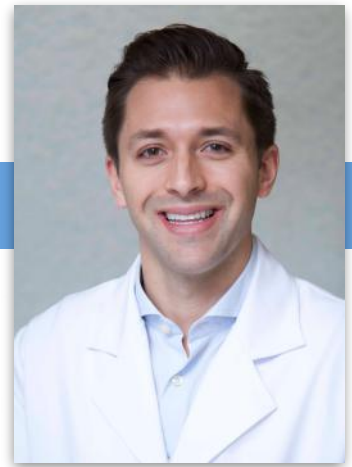
I specialize in the treatment of complex cases, usually involving several procedures over months of care. The next time you see a challenging case, please feel free to call me and we can discuss treatment planning or I can help you with any part of the treatment.

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. Bryan Jacobs

DMD, MS, Prosthodontist ♦ The Complex Case Specialist™



About Dr. Jacobs' specialization:

As a Prosthodontist, Dr. Bryan Jacobs specializes in fixed and removable prostheses, dental implants, and all phases of esthetic dentistry.

Dr. Jacobs' prosthodontic training and 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 and esthetics.

Dr. Bryan Jacobs practices prosthodontics at Dental Professionals in Chicago and Skokie, working with GP's and other dental specialists to restore the smiles and confidence of patients facing a difficult diagnosis.

Personal Message To Fellow Dental Practitioners:

"As the referring dentist, you know your patient's mouth and have key insight into your patient's needs. I want to work with you to provide your patients with the best possible treatment outcomes. I will treat your patient in a manner that will reflect well on you and strengthen your relationship with your patient. I am here to make you look good! When your patient's care is completed, they are referred back to your office for their ongoing dental care. I am grateful for your collegueship and trust with your patients!"

Dr. Jacobs' has an easy online referral form at:
DentalProfessionals.com/referring-doctors

Protho Pledge

When your patient is referred:

- ✓ I will only treat what's been referred.
- ✓ I will send you updates.
- ✓ I will be part of your team, not take over your patients.

◆ 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, Certified 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 Certified 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 Certified 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 a Certified Prosthodontist for complex implant-supported restorations. They can work with you or complete the treatment for you to achieve the best in both function and esthetics.