

# Advances In Prosthodontics™

New Findings & Best Practices for Cosmetic & Restorative Dentistry

## INSIDE THIS ISSUE

### CASE SUMMARY:

Full Mouth  
Reconstruction  
pages 1-2

### DENTAL JOURNAL BRIEF:

Three-Year Analysis of  
Fixed and Removable  
Implant-Supported Dental  
Prostheses: Survival and  
Need for Maintenance  
page 3

### HAVE A LAUGH:

Why Is Dentistry  
Important?  
page 3

### COMPLEX CASES:

Dr. Jacobs' Specialized  
Training & Skill Help  
with Patients in  
These Situations  
page 4

© Sams Media Group, LLC

## Do You Have a Patient with Failing 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 — or failing restorations — they may be a candidate for an 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.

If you'd like to discuss a treatment, or talk on the phone about how we can help each other, please call or email my office with specific days and times when you are available.

### More Examples

Stay informed on new findings and best practices for cosmetic and restorative dentistry.

See more examples of complex cases online:



**AdvancedProsthodontist.com**  
/ Jacobs



# Full Mouth Reconstruction

by **Bryan Jacobs, DMD, MS**  
Board Certified Prosthodontist

Patient “Joanna” was referred to me by her general dentist for comprehensive care. She presented with a chief complaint of loose removable prosthetics — both her maxillary denture and mandibular removable partial denture were mobile and uncomfortable. They had been made approximately 25 years ago. On exam, her remaining mandibular dentition was Class II to Class III mobile, with purulence draining from a sinus tract near #27.

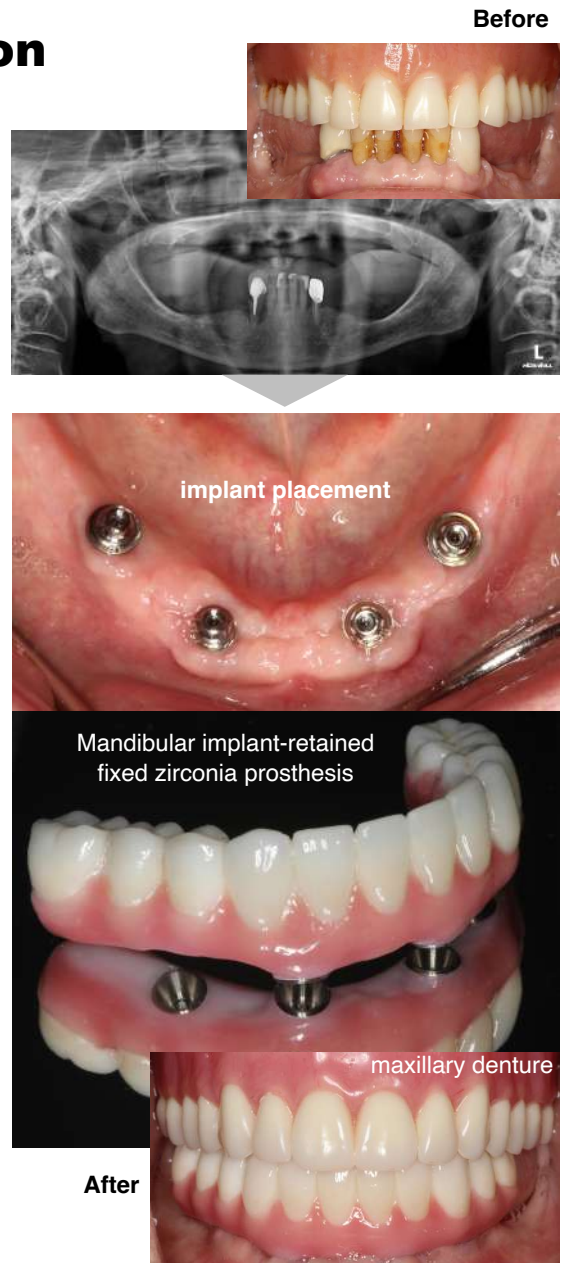
As a prosthodontist, I have experience with complex cases, and can plan multi-stage treatments that coordinate with a patient’s general dentist and other dental specialists. I also have experience repairing or replacing dental restorations, and have developed protocols to ensure a high esthetic and functional outcome for the restorations. Joanna treatment sequence included the following 3 phases...

**Planning** — After discussing potential options, Joanna had comprehensive records made - including 3D imaging and digital impression. Following review of these records, a series of treatment options were presented to her. After some discussion with her family, a final plan of a new maxillary denture opposing a mandibular implant-retained fixed zirconia prosthesis was selected.

**Surgical** — With the careful pre-surgical planning we did in the last phase, we were able to remove her mandibular teeth, place four implants, and immediately load them on the day of surgery. The provisional was designed to oppose her existing complete denture (which was used simultaneously to tissue condition the upper arch).

**Restorative** — After three months of healing, we moved to the final restorative phase - fabricating the new maxillary denture and mandibular prosthesis together. This allowed the best control of final esthetics and occlusion.

Joanna loves her new smile, comfortable teeth, and regained ability to eat foods she had long avoided.



**If you have a patient with a complicated dental problem** and you would like assistance in helping them, please contact me. It will be my pleasure to help with diagnosing, planning, or treatment execution for complex cases. **When patients are referred**, I refer them back to their general dentist for regular hygiene, unless advised otherwise by the referring office, depending on the patient and treatment. I will be in contact with your office every step of the way. If you have comments / questions about this example, or my prosthodontic protocols, please email me at: [bryanjacobs@dentalprofessionals.com](mailto:bryanjacobs@dentalprofessionals.com)

## ◆ Do you have a patient in Joanna’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.

## Three-Year Analysis of Fixed and Removable Implant-Supported Dental Prostheses: Survival and Need for Maintenance

Rehmann P, Rudel K, Podhorsky A, Wöstmann B.  
Int J Oral Maxillofac Implants, Article first published: 2015 July 30, DOI: 10.11607/jomi.3816

### Purpose

The purpose of this retrospective clinical study was to evaluate the clinical outcomes of fixed implant-supported dental prostheses (FISDPs) and removable ISDPs (RISDPs) retained by telescopic attachments, the factors influencing survival, and the type and number of maintenance treatments required during the observation period..

### Materials and Methods

This retrospective clinical study is based on patients who were provided with ISDPs between 2004 and 2010. Patient sex, type of prosthesis, location, opposing dentition, and the effect of continuous follow-up on the probability of a favorable outcome, as well as the number of maintenance treatments, were analyzed. A sample of 233 patients with 157 FISDPs and 76 RISDPs supported by a total of 567 implants was randomized and included in the analysis. The mean observation period was  $15.9 \pm 15.4$  months (maximum, 66.0 months).

### Results

- During the observation period, 3.9% of prostheses (7/157 FISDPs and 2/76 RISDPs) ceased to function and 2.3% of implants (13 implants) were lost.
- The mean survival time was  $59.7 \pm 2.3$  months, with a survival probability of 90.2% after 3 years. Prostheses in the mandible showed significantly higher survival rates than those in the maxilla.
- Maintenance treatments had to be performed at an earlier stage for patients with RISDPs than for patients with FISDPs. In patients with a conventional removable prosthesis in the opposing arch, the time until maintenance was needed was significantly shorter.

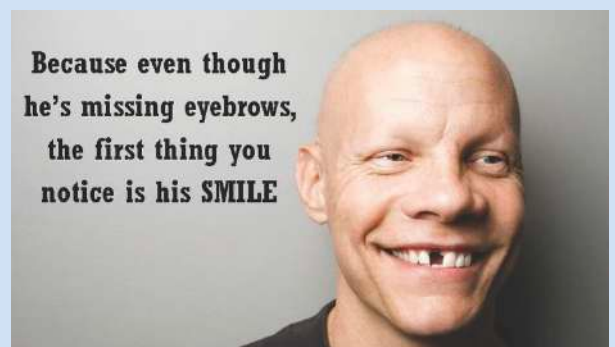
### Conclusions

Within the limitations of a retrospective study, it can be concluded that the FISDPs and RISDPs show equally good survival rates after 3 years in function. Conventional removable dentures required earlier maintenance than RISDPs, and RISDPs required earlier maintenance than FISDPs.

### ◆ Have A Laugh: Why Is Dentistry Important?

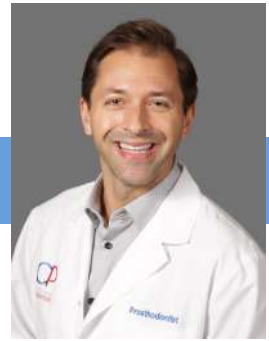
I hope I made you smile during your busy day! I take the care of patients referred to me very seriously, including knowing how to educate them so they feel comfortable. I specialize in the treatment of complex cases, usually involving several procedures over months of care.

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 is Board Certified by the American Board of Prosthodontics. His 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 specialists to restore the smiles and confidence of patients facing a difficult diagnosis. Learn more about how he can help your patients by scanning this QR code:*



### 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' online referral form at: [DentalProfessionals.com/referring-doctors](https://DentalProfessionals.com/referring-doctors)

### My Pledge

**When your patient is referred:**

- ✓ I will only treat what your patient needs.
- ✓ I will send you updates.
- ✓ I will be part of your team, not take over your patients.

## ◆ Why other dental professionals work with a Board Certified Prosthodontist

Board 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, Board 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. Board Certified Prosthodontists are 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.**  
Board Certified Prosthodontists 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 Board 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.