

Advances In Prosthodontics™

New Findings & Best Practices for Cosmetic & Restorative Dentistry

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Do You Have a Patient With Failing Dentition?



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 our experience with restorative treatments, we can work together on advanced cases and both benefit!

If you'd like to meet to discuss a difficult procedure, 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 are available to talk or meet.

You're Invited to our OPEN HOUSE

Tuesday, September 17
from 4:00 - 8:00 PM at our new office: 1900 E. Golf Rd Suite L-130, Schaumburg, IL 60173
Let's talk about how we can work together! Call to RSVP:
(847) 891-9999

CASE SUMMARY: Full Mouth Rehab using All-on-4®

by Aneeqa Malik, DDS, MS, Prosthodontist

Patient “Janet” was referred due to her complex needs. Janet previously had several teeth extracted due to decay and was interested in dental implants (Fig. 1). **My diagnosis included:** more teeth that were nonrestorable, xerostomia caused by medications, and high caries risk.

As prosthodontists, myself and Dr. Han have experience with complex cases, and can plan multi-stage treatments that coordinate with a patient’s general dentist and other dental specialists.

Janet was given a full diagnostic workup with x-rays, exam, photos, and CBCT with superimposition of ideal occlusal plane and vertical.

Her treatment plan included the following stages:

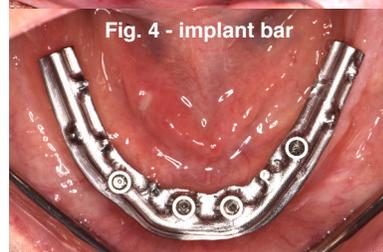
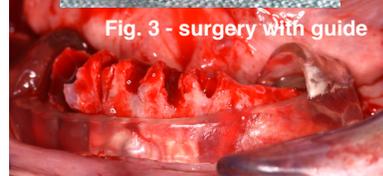
- All maxillary and mandibular *posterior* teeth extracted and healing time of 8 weeks.
- All *anterior* dentition extracted, 4 mandibular implants placed with an interim complete maxillary denture and a fixed interim complete denture delivered. This is a fixed implant denture or All-on-4®.
- The CBCT and digital planning allowed for a seamless surgery. I fabricated a 3D printed bone guide and implant guide (Fig. 2-3). Janet then had abutments placed and mandibular immediate fixed implant denture delivered with immediate maxillary complete denture on day of surgery (Fig. 4-5).
- After 3 months, final maxillary complete denture and mandibular fixed complete implant retained denture was delivered (Fig. 7, and intraoral before / after on page 1).

What made this case challenging was educating and guiding Janet from having a few single implant restorations to complete edentulism. It was important to thoroughly explain the options available in order to give her the best long term treatment plan.

Careful treatment planning allowed for: (1) Atraumatic surgery, (2) Immediately loading of the implants, and (3) Prosthetically driven implant position.

One helpful suggestion is to keep the immediate fixed implant denture convex, smooth, and polished (see Fig. 6, intaglio of fixed interim denture). This makes the prosthesis much more cleansable for the patient. The prosthesis really shouldn’t be removed before osseointegration. This small detail helps with patient comfort and soft tissue healing.

Janet was sent back to the referring office for long-term care. 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 comments or questions about how I treated Janet from this example, please email me or Dr. Han using this email address: AskDrMalik1@gmail.com



◆ Do you have a patient in Janet’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.

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

A longitudinal study of the survival of All-on-4 implants in the mandible with up to 10 years of follow-up

Malo P, de Araújo Nobre M, Lopes A, Moss SM, Molina GJ, J Am Dent Assoc. 2011 Mar;142(3):310-20

Background

Immediate-function implants have become an accepted alternative for fixed restoration protocols in edentulous mandibles on the basis of documented high success rates. The All-on-4 concept (Nobel Biocare, Göteborg, Sweden), a surgical and prosthetic protocol for immediate function involving the use of four implants to support a fixed prosthesis in patients with completely edentulous mandibles, represents one of these protocols. The authors conducted a study to document long-term follow-up of the All-on-4 concept.

Methods

This longitudinal study included 245 patients with a total of 980 immediate-function implants (four per patient), all placed in the anterior region, to support fixed full-arch mandibular prostheses. The inclusion criterion was having an edentulous mandible, or a mandible with hopeless teeth, in need of fixed implant restorations.

Results

A total of 21 implants failed in 13 patients, giving cumulative patient-related and implant-related success rates of 94.8 percent and 98.1 percent, respectively, at five years, and 93.8 percent and 94.8 percent, respectively, with up to 10 years of follow-up. The prostheses' survival rate was 99.2 percent with up to 10 years of follow up.

Conclusions

The results support the conclusion that use of the All-on-4 immediate-function implant concept in completely edentulous mandibles is viable in the long term.

Clinical Implications

High prosthesis survival rates can be achieved by the use of four implants to support a full-arch fixed prosthesis in the mandible.

◆ Have A Laugh: Denture Dessert...

We hope we made you smile during your busy day! We take the care of patients referred to us very seriously, including knowing how to educate them so they feel comfortable. 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 we can 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.



ABOUT OUR SPECIALTY PRACTICE



*Dr. Joon Han
DDS, MS, FACP
Board Certified
Prosthodontist*

Drs. Han & Malik have prosthodontic training and private practice experience that make treatments of complex cases more successful, including the following examples:

- Patients with severely worn/damaged teeth, missing all teeth, or with ill-fitting dentures can receive a full arch of natural-looking teeth to restore function & esthetics.
- Patients with congenital defects, a chronic condition, or traumatic injury can receive oral prostheses, which may be a combination of dental implants, crowns, bridges, or veneers.
- Patients with difficult anterior cases in the esthetic zone can receive single or multiple dental implants to replace missing teeth, or veneers or crowns to improve the appearance of their smile.



*Dr. Aneeqa Malik
DDS, MS
Prosthodontist*

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. We want to work with you to provide your patients with the best possible treatment outcomes. We will treat your patient in a manner that reflects well on you and strengthen your relationship with your patient. We are 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. We are grateful for your collegueship and trust with your patients!”

Prostho Pledge

When your patient is referred:

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

◆ Why other dental professionals work with a 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 a 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.