

- A PUBLICATION OF ADLER ADVANCED DENTISTRY-

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# Colorado Guide To Full Mouth Reconstruction

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Full Mouth Reconstruction at Adler Advanced Dentistry  
*- Includes Illustrated Award Winning Case Study -*

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# Introduction

## About Full Mouth Dental Reconstruction

If you have experienced trauma to the mouth or have ignored your oral hygiene for many years, it can result in extensive damage to your oral health. In situations where your teeth and gums have undergone significant trauma or decay, Dr. Adler can perform a full mouth reconstruction to rebuild and restore all of the upper and lower teeth.

A full mouth reconstruction can substantially improve your dental health by correcting issues with your teeth, gums and jaw. Your treatment may combine multiple restorative, neuromuscular and cosmetic dentistry procedures. The end result is a beautiful smile that also optimizes your bite structure and function.

*From our patient:*

***"Thank you for your kindness, compassion and patience throughout this process. My decision was big and scary. I appreciate you and your staff for walking me through every step with comfort and support."***



# Benefits of Full Mouth Reconstruction

A full mouth reconstruction can revitalize your smile, helping you feel better about your overall appearance. In addition to these aesthetic improvements, you may also experience a variety of functional and health-related benefits including:

- Improved bite function, allowing you to eat all of your favorite foods without difficulty
- Relief from painful TMJ symptoms
- Reduction in snoring -- once your bite is properly aligned, it will also open up your airway

Once your bite has been restored, you will be able to maintain optimal levels of oral health moving forward. Dr. Adler's holistic approach to dentistry and his extensive training in neuromuscular dentistry allow him to restore the correct bite alignment to deliver durable, long lasting results.



# Am I A Candidate For Full Mouth Reconstruction?

In general, the best candidates for full mouth reconstruction have destructive bites that significantly impact their oral health. The need for full mouth reconstruction may also result from:

- Teeth that have been lost due to decay or trauma
- Teeth that have been injured or fractured
- Teeth that have become severely worn as a result of long term acid erosion (foods, beverages, acid reflux) or tooth grinding
- Ongoing complaints of jaw, muscle and headache pain which require adjustments to the bite

In addition, many patients who have severely crooked or gapped teeth opt for full mouth reconstruction after TMJ treatment in order to avoid wearing braces for 2 years.



# Procedure For Full Mouth Reconstruction

Your customized full mouth reconstruction may include multiple treatments completed over several appointments at our Boulder dental office. Dr. Adler will begin with a thorough exam and a discussion of your overall goals. During this initial appointment, we will develop a comprehensive treatment plan based on your unique individual needs. Every patient is different, but our goal is to complete your case as efficiently and in as few visits as possible.

The following factors will be considered when developing your treatment plan:

- Condition of your teeth
- Health of your gums
- Alignment of your bite
- Aesthetic properties associated with your smile, including the shape, color and proportion of your teeth

The first step in designing your full mouth reconstruction procedure involves determining your optimal bite. By identifying this ideal bite alignment, Dr. Adler is often able to eliminate the problems causing your teeth to break. If you experience severe jaw issues and have been told by other dentists that you need surgery, Dr. Adler may be able to achieve complete relief of your symptoms through full mouth reconstruction, eliminating the need for surgery.

# Procedure For Full Mouth Reconstruction

(continued)

Once Dr. Adler has identified your optimal bite, he will perform a series of procedures to restore proper health and function to your teeth, jaws and gums. Depending on your unique needs, your full mouth reconstruction may include:

- TMJ Treatment
- Root Canal Therapy
- Dental Implants
- Dental Bridges
- Dental Crowns
- Gum Recontouring
- Periodontal Therapy

At Adler Advanced Dentistry we have a periodontist on staff. This enables us to handle all of your gum disease treatment in-house, eliminating the need to refer you to multiple specialists.

# Award Winning Full Mouth Reconstruction Case Study

IACA Aesthetic Eye Winner  
in Full Mouth Category  
Dr. Michael Adler



*Three-page case study description follows.*



## PICTORIAL PROFILE

**Editor's Note:** We are pleased to present a profile in this issue covering the 2011 Full Mouth winning case from last year's LACA competition.

*"This female patient first came to us with some very strong esthetic concerns. She was very unhappy with her own smile and overall dental health. The owner of her own advertising firm, she was often "in the public eye", so a beautiful smile was a key aspect of her working life. Having seen a variety of the past patient portraits we had published, she was very interested in how we could "give her the smile she wanted".*

*We started off, as we always do, with a discussion of her wants and desires and a full clinical exam. During that examination, I realized very quickly that I would be "unraveling a tangled mess". She was missing some molars, one posterior crown (#30) had fallen off, there were caries evident, she had some facial asymmetry and she was experiencing neuromuscular symptoms with definite 'clicking and popping' in her joint along*

*with TMJ pain. Her canine (#6) was actually between #4 and #5 (as you can see in the Before photos) with its roots tangled in amongst the roots of those teeth.*

*Following the clinical examination, we suggested a three-phase treatment plan: the first phase was to stabilize her dental situation so we could eventually properly evaluate her bite. We started off by placing a permanent crown on tooth #30, replacing the one that had fallen off and restored the caries evident throughout. Then we had to extract tooth #6 given its location and clinical situation. She was absolutely opposed to orthodontic treatment, stating "No braces" whenever it was suggested. While this hampered our efforts to fully correct her mid-line in the final result, we were able to get her to wear a Removable Expansion appliance on her upper arch (although her compliance was not the greatest). The patient finally did agree to the use of Invisalign to correct her anterior crossbite. This was critical in avoiding the extensive preparation that would have been required otherwise.*

*Once all of this was accomplished, we were able to take the*



Full face before.



Retracted pre-operative smile - closed.



Retracted pre-operative smile - open.



Close-up of pre-operative smile.

*K-7 and TENS devices to determine her comfortable bite position. A Lower Fixed LVI Orthotic, fabricated from a Myobite, was placed to correct the patient's jaw alignment and to calibrate proper vertical positioning. The orthotic was placed and remained in position for 5 months. At that point, we checked the patient's revised bite on the K7. Both the patient and I were satisfied with the new bite, everything was in alignment, the symptoms had disappeared and she was comfortable.*

*Aurum Ceramic/Classic prepared a Diagnostic Wax-up as per their ACCES™ system, showing the patient her new smile. She was insistent on a very light shade, tracing back once again to her strong dissatisfaction with the shade of her original natural smile. Her upper arch was prepared first and finished following the recommended LVI protocol for esthetic reconstruction with the Aurum Ceramic/Classic Advanced Esthetic (AE) Team providing the Prep Indices, Bite Stent and Siltec Provisional Stent. All measurements were carefully maintained as we proceeded to restore the case.*

*All 28 teeth were restored at one appointment. The upper arch was restored with IPS e.max® crowns and IPS Empress® veneers, all beautifully crafted by Aurum Ceramic/Classic. We actually chose to move the #5 bicuspid to the canine position, changing the shape of the restoration to improve the overall appearance of her smile. Her lower arch was restored with IPS e.max crowns and a Contessa™ Zirconia bridge #28 - #30 (to replace her missing #29). Aurum Ceramic/Classic matched the shades beautifully, you really can't tell which is IPS e.max and which is porcelain.*

*The patient has been extremely happy with the final result both neuromuscularly and esthetically. In fact, she has sent us a veritable torrent of gifts for the office. We must have received 20 to 30 boxes of different types of foodstuffs since we placed the case."*

*Dr. Michael Adler*



*Pre-operative upper arch.*



*Restored upper arch.*



*Pre-operative lower arch.*



*Restored lower arch.*

**Following the clinical examination, we suggested a three-phase treatment plan: the first phase was to stabilize her dental situation so we could eventually properly evaluate her bite.**



Both the patient and I were satisfied with the new bite, everything was in alignment, the symptoms had disappeared and she was comfortable.



*Retracted restored smile - closed.*



*Retracted restored smile - open.*



*Close-up of new natural smile.*



*Full face After.*

Restorations fabricated by Aurum Ceramic/Classic.



Dr. Michael Adler graduated from Georgetown University Dental School in 1987. He went into Public Service on a Navajo Reservation after graduation, later going into private practice in Boulder, CO. Initially focusing on General and Cosmetic Dentistry, Dr. Adler has

seen his practice evolve strongly towards Neuromuscular treatment over the past few years. He has taken extensive Post Graduate Training at the Las Vegas Institute for Advanced Dental Studies including CORE I - VII; Occlusion I - III; Anterior and Posterior Aesthetics; Bonding; K-7 Training; CARP; TMD; Developmental

Diagnosis; the Physiologic Approach to Treating OSA and Full Mouth Reconstruction. Dr. Adler has also completed the neuromuscular orthodontics curriculum and attained his LVI Fellowship in 2010. He is a Fellow of the ICCMO and a member of the AACD, IACA, ADA and the Colorado Dental Association.

# Financing Your Full Mouth Reconstruction

Due to the inclusion of multiple procedures, full mouth reconstructions can become expensive. However, Dr. Adler understands the importance of maintaining the optimal health and function of your teeth, gums and bite, and he's committed to making sure your procedure fits into your budget. At Adler Advanced Dentistry, we offer a wide range of financing options to ensure you can afford your full mouth reconstruction.

Whenever possible, we will submit your procedure to insurance for reimbursement. In the event that some aspects of your full mouth reconstruction aren't covered by insurance, you can apply for low interest monthly payment plans. We work with the following third party lenders:

- CareCredit
- Lending Club Patient Solutions

During your initial visit, our staff will go over these options with you in detail in order to help you find the right plan for your needs.

# Dr. Michael Adler

Dr. Michael Adler provides full mouth reconstruction/restoration treatment for patients in the immediate Boulder-Denver metropolitan area, as well as for patients nationally who travel to Colorado for the specialized services of an award-winning full mouth restoration specialist.

Dr. Michael Adler is pleased to bring a diverse background of academic research and life experiences to his practice. A graduate of the University of Michigan, Dr. Adler worked as a research biochemist at Stanford University prior to enrolling and completing his dental degree at Georgetown University.



Dr. Adler served as a Lieutenant in the United States Public Health Service, providing care and patient education on the Navajo Reservation. For this service, Dr. Adler was awarded a prestigious commission by Surgeon General Dr. C. Everett Koop. Dr. Adler has been in private practice since 1990.

Dr. Adler is committed to lifelong training as a way to be able to offer his patients the best dental care possible. His postgraduate training has been extensive, including studies on the topics of smile design and neuromuscular dentistry at the nationally renowned Las Vegas Institute for Advanced Dental Studies (LVI).

Dr. Adler was awarded a fellowship from the prestigious Las Vegas Institute for Advanced Dental Studies. This post-graduate learning institution provides cutting-edge training in neuromuscular and cosmetic dentistry.

# Contact Us

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## For Questions Or To Schedule A Consultation

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