



Continuum

Aurum Ceramic - Specializing in Comprehensive Aesthetic & Implant Dentistry

Volume 14, Issue 1 • Winter, 2010

Is The Economy Bringing You Down?

*A Q&A Interview With
Drs. Matt Bynum And Art Mowery*

*Valplast, Flexite
and NaturalFlex® II*

Innovative Implant Solution

David I. Peck, D.M.D.

Plus

**Articles on
Marketing, Technology,
Finance, Leadership
and more!**

*Dentistry courtesy of Dr. Michael Popp.
Restorations fabricated by Aurum Ceramic.
Photography courtesy of Janet Pliszka.*

This male patient first visited my practice in June 2009. At his initial appointment, he said, "I'm here because I don't have a great smile. I've spent a lot of money, had implants done but look at my smile after all the time and money, it looks terrible." As you can see from his pre-treatment photos, he was definitely a bruxer, exhibiting advanced wear with loss of vertical dimension and moderate to severe bite collapse anteriorly. However, he exhibited no neuromuscular symptoms. He presented with six implants, five of which had already been restored. He was also missing #14; the space had closed with #15.

We began by determining his comfortable jaw position through a full K-7 Myobite work-up. His original CO was 12.5 and it was decided to open his neuromuscular bite to 17.5 mm. A Removable Lower orthotic was placed to correct his loss of vertical dimension and confirm the bite was now correct and comfortable.

Several months later, we began Full Mouth Rehabilitation by prepping and

temporizing the entire upper arch and placing a Fixed Orthotic on the lower arch. Aurum Ceramic created a Diagnostic Wax-up as per their ACCES™ system, which the patient enthusiastically accepted. Even at this point, after viewing a Diagnostic wax-up and the temporaries, the patient was already extremely happy with the dramatic change in his smile he was seeing.

During the preparation and temporization stage, we removed all of the implant crowns and abutments but were able to use the existing implants themselves. New impressions were taken and the Aurum Ceramic Implant Team fabricated beautiful new custom abutments and crowns. Fortunately for doctor and patient alike, all existing implant crowns and the standard abutments were removed easily.

At the bonding visit, the patient had adjusted extremely well to his new vertical dimension and bite. All of the provisionals were removed from the upper arch; the new crowns were tried in

(which the patient enthusiastically accepted) and then bonded to the prepped teeth. Three new custom implant abutments were placed and torqued and new crowns bonded to these abutments. Anterior teeth #5 - #12 were restored with IPS Empress Esthetic while IPS e.max crowns were placed on #2, 3, 4, 13 and 15 – all beautifully crafted by Aurum Ceramic. We then re-lined his lower Fixed Orthotic and equilibrated and balanced his bite. Based on the patient's preferences, his lower arch will be completed within the next 12 months. After the bonding visit, the patient looked in the mirror and said, "my bite feels great and I love them!"

This case is a great example that patients with even the most debilitating bites don't have to commit to having both the upper and lower arch completed at the same time. Their treatment can be phased in over time, still with great results.

David I. Peck, D.M.D.



Full Face Before.



Smile Before.



Retracted close-up of initial situation.



Upper arch prior to treatment.



Lower arch prior to treatment.



Retracted Smile – teeth apart.



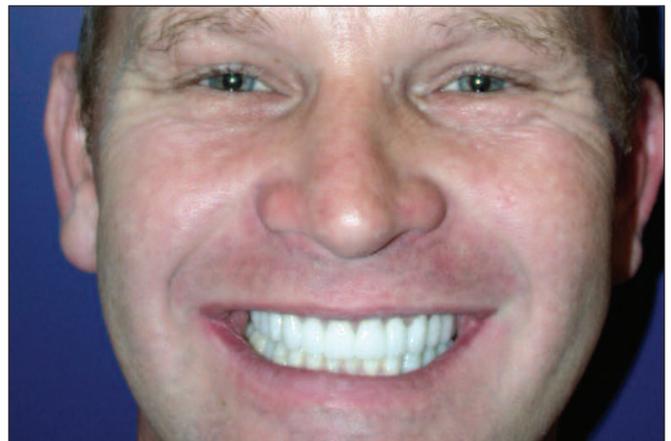
Smile After – teeth apart.



Lower fixed orthotic on unprepped teeth.



Restored upper arch.



Full Face After.

Restorations fabricated by Aurum Ceramic.



David I. Peck, D.M.D. graduated with honors from Northeastern University in Boston, MA with a B.S. degree in Pharmacy in 1979, continuing on to graduate in 1983 from the

University of Medicine and Dentistry of New Jersey. He completed his general practice residency at Danbury

Hospital in Danbury, Connecticut and regularly upgrades his expertise as a dentist by taking advanced dental courses at the Las Vegas Institute for Advanced Dental Studies (LVI) including Advanced; CARP; Occlusion 1, 2 & 3; K-7 Training; Scan Interpretation; Primespeak 1& 2; and CORE 1. Dr. Peck has also completed a course with Larry Rosenthal in Palm Beach, Florida and has been certified in laser treatment for

cosmetic soft tissue re-contouring and periodontal therapy at the University of California at San Francisco.

Dr. Peck is in private practice in Springfield, MA with an emphasis on Neuromuscular and Cosmetic Dentistry. He is a member of the ADA, the Massachusetts Dental Society, the Valley District Dental Society, the AACD, and the Academy of Laser Dentistry.