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A New Reality

Upper and Lower Teeth In An Hour™

Imagine you have reached a point in your life where “Life is Good.” You awaken every morning to a sense of satisfaction. You are successful at what you do, with the confidence that comes from years of experience and hard work. You have numerous friends and socialize abundantly. You are proud of your family and enjoy them. Yet one thing is still missing—the mirror does not reflect the man. There is no pride in the smile.

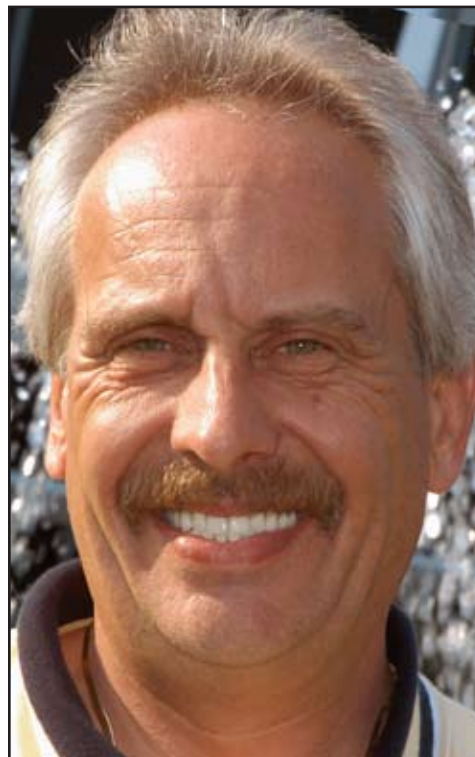
If you are this man named Tom, there is no need to imagine. It is your reality check. For many years, he was able to eat, drink, speak and smile with self-confidence. As a salesman, he could interact socially with his clients without hesitation. As husband, father and friend, he could produce a heartwarming grin.

Time passed and nature got involved. Tom’s smile began to change as his teeth chipped

and suffered decay and his gums became inflamed. Tom himself noticed that his teeth were changing position. They seemed to be getting longer and they were staining. He also experienced an unpleasant taste and odor in his mouth, and found his gums frequently bled when brushing. As a smoker, he accepted some of this as “par” for his lifestyle, but in spite of a high pain threshold, Tom was aware of periodic and usually intensifying oral pain.

After years of enjoying a gratifying masculine self-image, Tom started to notice people looking at him differently, often developing a slight frown when he smiled at them. He became self-conscious about his oral condition, less effective in interpersonal interactions, and increasingly anxious about his overall health. A bright light was fading and no one knew it better than Tom himself.

Dread of long, painstaking dental solutions for his problems kept him from committing to treatment, but with urging from his family, Tom did consult with local dentists, who, understanding his anxiety, referred him to PI for evaluation. At his first



Post Teeth In An Hour™ Smile



Pre-treatment views of mouth prior to Teeth In An Hour™ treatment

visit, a journey back to health, comfort and function began.

At PI, a comprehensive examination, medical history review, and initial photographic and radiographic documentation was completed. This included a full mouth series of intraoral radiographs, a panoramic radiograph, lateral and A-P cephalometric radiographs, diagnostic casts, bite registration, and shade assessment.

The examination revealed:

1. Missing, broken-down, decayed and malpositioned teeth with cross-bite, anterior flaring and midline shift.
2. Advanced, Type IV, generalized periodontal disease with excessive tooth mobility and multiple abscesses.
3. Dental malocclusion with multiple occlusal plane discrepancies and exaggerated curve of Spee.
4. Habitual mentalis posturing to facilitate swallowing.

Tom was advised that simply attempting to repair his teeth was not a viable option. It was recommended that the ideal treatment was complete maxillary and mandibular implant reconstruction. This protocol was presented as full mouth extractions and Teeth in a Day® (TIAD) reconstruction for both arches.

However, before he could make financial arrangements for the suggested procedures, Tom came back to PI with pain in his lower right quadrant that needed immediate attention. A temporary Immediate Denture was suggested.

After appropriate impressions, bite records and updated photographs were taken; the mandibular right quadrant was edentulated. Gross infection was present, so biopsies were taken for histologic analysis. Four days later, the full mouth extractions were completed. The immediate dentures were relined with tissue conditioner (Viscogel). Healing progressed normally.

After five weeks, Tom arrived for the final impressions for his complete dentures. While he was having this treatment, Tom expressed interest in the Guided Surgery, Teeth in an Hour™ (TIAH) treatment protocol. Information was provided and he was invited to observe the TIAH procedure.

Two weeks later, Tom received his new dentures, which perfected the tooth position for optimal esthetics. Tom was pleased with his results. He was without infection and pain-free. He was feeling better about himself and his improved appearance and he functioned well with his new dentures for eleven months.

Although the new dentures were a considerable improvement, it just was not the same as having teeth anchored in bone. He really wanted fixed teeth. He decided to move forward with the TIAH treatment for both arches and scheduled his follow-up appointment.



Post-treatment views of mouth following Teeth In An Hour™ treatment



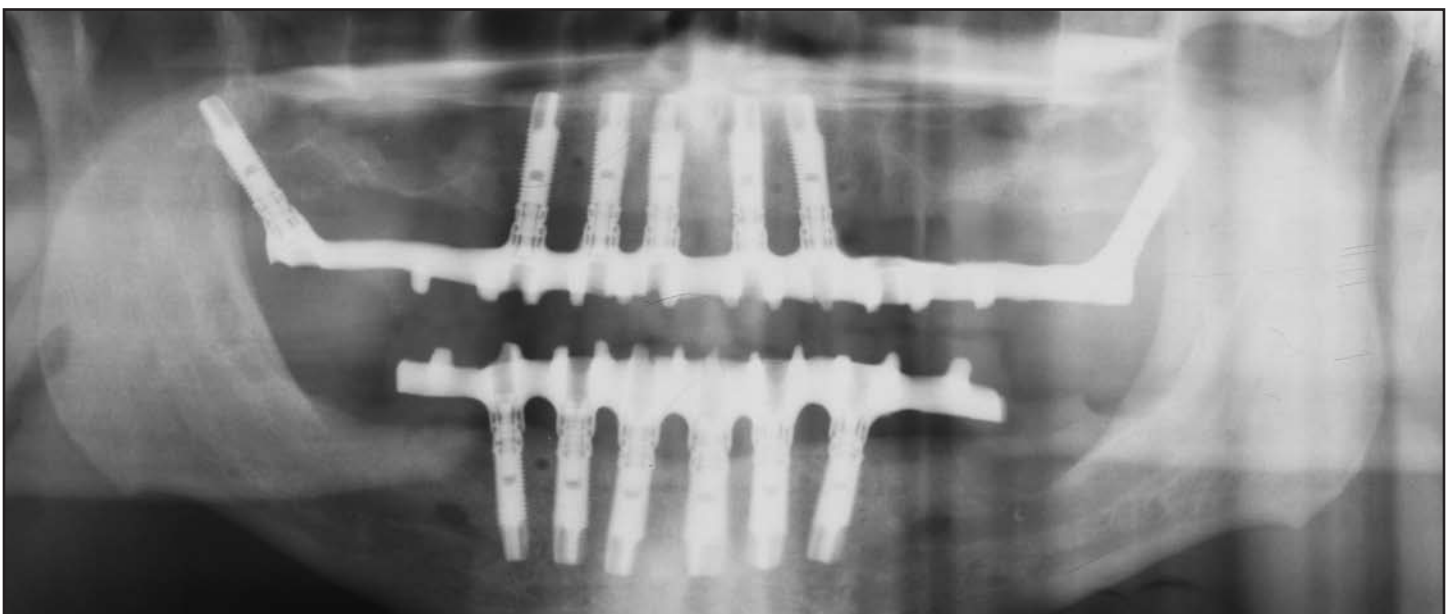
Pre-operative panoramic radiograph

Since the fit, stability and esthetics of his new dentures were optimal, they were flaked, using alginate impression material, to create a set of clear duplicate dentures to be used in the TIAH procedure. Radiopaque markers were placed in both clear dentures and a CT scan using the cone beam i-CAT machine was taken with the clear dentures in his mouth. A second scan was taken of the dentures alone, placed on a special platform in the i-CAT scanner.

The digital information from the i-CAT scans was reformatted and the virtual surgery implant placement was performed for both arches. This information, along with the casts and bite registration, allowed for the fabrication of the surgical guide and the final prosthesis.

Fourteen months after insertion of his dentures and 3 months after scanning, Tom came in for his mandibular TIAH treatment. Under local anesthesia, the

surgical guide was secured with three horizontally placed intraosseous anchor pins. The soft tissue was removed from the implant sites using a counterbore through the guides. The usual sequence of site preparation with appropriate drills was followed and six Nobel Biocare 4 x 15 mm MK III Groovy implants were coated with Protein Rich Plasma then placed according to the computer guided locations in the mandible. The anchor pins



Post-operative panoramic radiograph



Pre-operative Smile



Post-operative Smile

Teeth In A Day®

The Teeth In A Day™ Protocol utilizes Nobel Biocare's Brånemark System. Teeth In A Day® treatment allows patients to leave the center with a non-removable interim set of teeth the day of implant placement. The final prosthesis is not delivered until the implants have osseointegrated -- 3 to 4 months for the lower arch, 5 to 6 months for the upper arch. Total treatment time can range from 3 to 6 months.

and surgical guide were removed and the abutments were placed in the final restoration, which was then secured into position. The screw access holes were sealed with cotton and Fermit. Tom received both verbal and written post-op instructions as well as medications. Four days later Tom reported that he was doing great – no pain or swelling.

Two weeks after his mandibular surgery, Tom presented for his maxillary TIAH treatment. A similar sequence of treatment was followed. Eight Nobel Biocare 4 x 15 mm MK III Groovy RP implants were coated with PRP and placed according to the computer guided locations in the anterior and pterygoid areas. The anchor pins and surgical guide were removed and the abutments were placed in the final restoration, which was then secured in position. Post-op instructions and medications were given.

Tom's removable dentures improved his oral health, comfort and appearance. However, these dentures provided only limited function, significant loss of taste, and loaded the bone inappropriately which resulted in continued bone loss over time. By using implants with the TIAH protocol, he regained full function, full taste sensation, and the bone was loaded to prolong stability. Plus, the new teeth maximized his appearance.

Tom's pathway to complete fixed implant reconstruction was not the ideal course of treatment, but he reached his goal over time. He no longer suffers the pain, odor, bad taste, bleeding, and unsightly appearance associated with his poor dentition and oral tissue destruction. Instead, he chews vigorously and smiles readily, gregariously flaunting his new teeth – his new smile! Look at Tom now. His self-confidence has catapulted past maximum – just ask him. This is his New Reality. For a video of Tom's treatment, contact PI.

Orthodontics



To ease the transition from Tom's natural teeth to a dental implant retained prosthesis, a removable denture was made with orthodontic braces.



Teeth In An Hour™

Teeth In An Hour™ allows patients to leave the office with fixed teeth in less than one hour. Patients who qualify are given a CT-scan of the mouth with the denture in place in addition to a complete diagnostic evaluation. Digital files from the i-CAT scans are reformatted using the Nobel Biocare Procera® System software which converts the CT data into a 3D image of the jaw and denture. The prosthodontist performs virtual surgery on the 3D image. The file from this virtual surgery is then transmitted through the internet for fabrication of the surgical guide. The guide and all necessary surgical components are created in Nobel Biocare laboratories and express shipped to Prosthodontics Intermedica where the implants and teeth are surgically installed with the aid of the computer generated materials.

The surgical procedure requires no incision, no sutures and little post-operative swelling or discomfort.



Dental Assisting for the Implant Practice

This one day course is targeted for the dental assistant working in either a surgical or prosthetic dental implant practice. The course will review treatment planning, terminology, materials and components, sterile techniques, instrumentation, TEETH IN A DAY® surgical and prosthetic protocol, post-operative care, and long-term prosthetic maintenance.

Presenters:

Hillier Swinehart, EFDA
Jamie Holmes, EFDA, CDA

Tuition:

\$ 375.00 per attendee

For course schedule and details
call 215-643-5881



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The Institute For Facial Esthetics Continuing Education

1-Stage TEETH IN A DAY®

Featuring the Brånemark System®

Cosponsored by Nobel Biocare USA, Inc.*

Course Dates:

January 22-24, 2007
April 16-18, 2007
September 10-12, 2007

Faculty:

Thomas J. Balshi, DDS, FACP
Glenn J. Wolfinger, DMD, FACP
Stephen Balshi, MBE
John J. Thaler II, DDS
Robert Winkelman, CDT, MDT

Time:

8:00 AM - 6:00 PM
Lunch 12:00 - 1:00 PM

Tuition:

\$ 2,450.00

Credits:

Eligible for 24 hours of
continuing education credit

Location:

Institute for Facial Esthetics
467 Pennsylvania Ave. #108
Fort Washington, PA 19034

Educational Objectives: To teach and demonstrate the effect of osseointegrated dental implants on facial esthetics and general patient well-being; To provide clinical instruction and hands-on implant training; To provide clinical patient management before, during, and after dental implant rehabilitation; To provide post-prosthesis maintenance via home and professional oral hygiene.

Course Content: Includes the fundamentals of implant surgery and prosthetics, patient selection, treatment planning, drape and anesthesia, evaluation of implant sites, bone preservation, site preparation, implant placement, surgical closure, abutment connection, loading of implants, post-op instructions. Special considerations include graft areas, anatomic defects, immediate extraction sites, delayed extraction sites, complications, preventing and solving problems, TEETH IN A DAY® and Teeth In An Hour™ for the maxilla and mandible and the philosophy of supreme dental/facial makeovers.

Teaching Methods: Lectures, slides, videos, hands-on surgical and prosthetic procedures. Live surgery observed.

Seminar Includes: Certificate of attendance, course materials, lunch and refreshments.

**Nobel Biocare is an ADA CERP Recognized Provider. The formal continuing education programs of this sponsor are accepted by the AGD for Fellowship/Mastership credit. Participants are eligible for 24 hours of continuing education credit. Continuing education credits issued for participation in this CE activity may not apply towards license renewal in all States.*

For more information or to register:
call 215-643-5881 or Fax 215-643-1149



**The Severely Atrophic Maxilla:
Stabilizing Implants in the
Pterygomaxillary and
Zygoma Regions**

Presented by:



This course will include a live surgery showing the placement of the implants along with hands-on mannequin laboratory workshop. Course highlights will include presentations on treatment planning, as well as the surgical, radiological, biomechanical, and restorative aspects of new approaches to treat the compromised maxilla.

Presenters:

Stephen F. Balshi, MBE,
Biomedical Engineer

Thomas J. Balshi, DDS, FACP
Board Certified Prosthodontist

Glenn J. Wolfinger, DMD, FACP
Board Certified Prosthodontist

**Tuition: \$ 1,450.00 USD
Per Attendee**

Location:

467 Pennsylvania Avenue #108
Viewpoint Conference Center
Fort Washington, PA 19034 USA
Tel: (215)643-5881
Fax: (215) 643-1149

Call for details
and course schedule.

**Sponsored by The Institute For Facial Esthetics
and Nobel Biocare**

**NOBELGUIDE™
CONCEPT AND TEETH IN AN HOUR™
3D COMPUTERIZED
IMPLANT GUIDED
SURGERY AND PROSTHETICS**

**PRESENTED BY:
The Institute for Facial Esthetics**

Transform pre-planned treatment into clinical reality with NobelGuide™ Concept and Teeth In An Hour™ and provide patients fixed, well functioning, and esthetic definitive prostheses on implants in less than an hour. This flapless technique provides patients with greatly reduced healing time, no temporaries and no significant pain or swelling.

The rapid development of computerized tomography (CT) scan techniques with reduced radiation and 3D computerized imaging technology has made it possible to fully visualize the placement of implants in a real 3D environment. By combining a unique planning program, a surgical template and the immediate loading concept, it is possible to surgically place implants in bone using a flapless approach and to insert a definitive fixed bridge during a single visit.

Participants will gain an understanding of NobelGuide™ and the knowledge to perform virtual surgery for Teeth In An Hour™ treatment. This course utilizes lectures and videos, hands-on computer training, hands-on use of components and surgical guide, computer manipulation and virtual surgery, intra-oral video gives participants the “Surgeon’s Eye View” of the procedure.

Course presented by:

Thomas J. Balshi, DDS, FACP, Glenn J. Wolfinger, DMD, FACP
Stephen Balshi, MBE, Robert Winkelman, CDT, MDT

Course Location:

Provider: Institute for Facial Esthetics
467 Pennsylvania Avenue, #108
Fort Washington, PA 19034 USA
Phone: 215-643-5881
Fax: 215-643-1149

Tuition: \$ 3,800.00 Per Operating Team
Each team consists of 1 or 2 licensed practitioners
with previous implant experience

Participants must bring their own PC-Laptop Computer
Includes software and installation on laptop with two week license.

