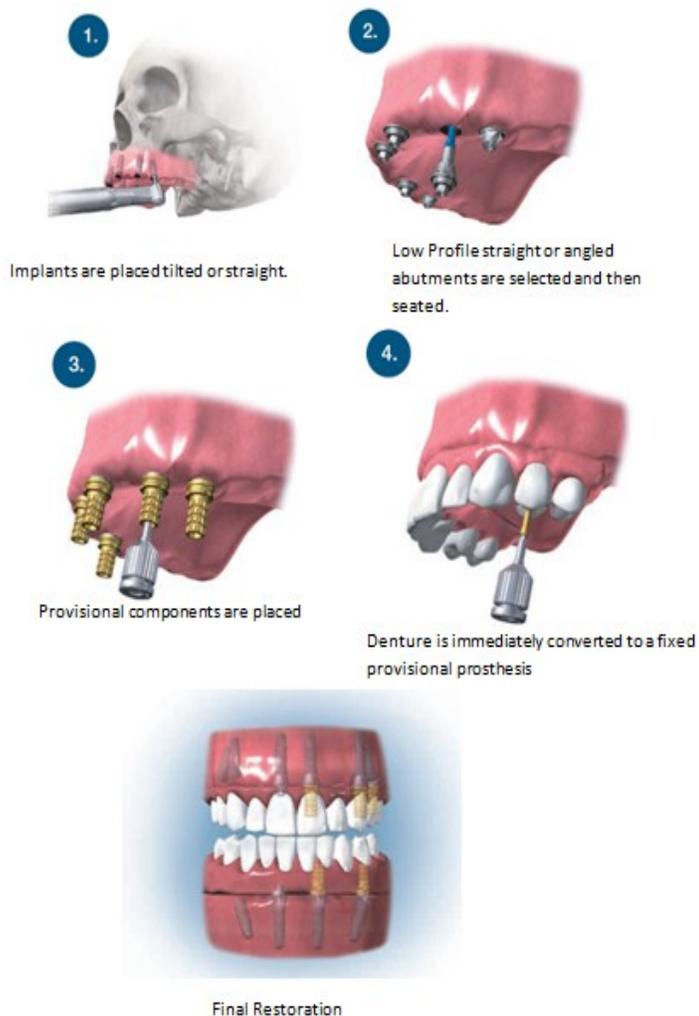


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DIEM 2 : Immediate Provisional Restoration of the Full Arch in One Day



Immediate full arch restorations of the maxilla and mandible are available to patients. This allows the patient to have a functional, aesthetic fixed temporary prosthesis in one day. This is a hybrid restoration which is essentially an acrylic denture that is cut back. This can be accomplished with 4-6 implants that are torqued to a minimum of 40 NCM. Biomet 3i has a product called Diem 2 which is designed for immediate full arch restoration.

Prior to the surgery, a provisional denture (or existing denture) is made. The implants are placed and can, in certain cases be placed at angles up to 45 degrees. Vertical implant placement is needed for 6 or more implants. A selection of low profile abutments is available. The abutment height should be 1-2 mm supragingival. The prosthetic access openings should emerge through the occlusal surfaces of the posterior teeth and the cingulums of the anterior teeth.

Continue on page 2...

NEWS YOU CAN USE

Gum Chewing Linked to Headaches in Children, Researchers Report

A research team led by Nathan Watemberg, MD, Chairman of the Child Development Institute and Child Neurology Unit at Meir Medical Center in Kfar Saba, Israel, consecutively recruited 30 patients ranging in age from 6 to 19 who had chronic migraine or tension headaches and chewed gum between one and six hours per day.

Researchers asked the participants to fill out a questionnaire pertaining headache characteristics, potential triggers,

family history of headaches and gum chewing habits. They then classified the participants into four groups depending on the number of hours they chewed gum daily.

Researchers had the participants discontinue chewing gum for one month and then interviewed them. Nineteen of the patients reported that their headaches went away entirely, and seven reported a decrease in the frequency and intensity of headaches. To test the results, researchers asked 26 of the participants to resume gum chewing for two weeks. All of these participants reported a return of their symptoms within days.

JADA 2014;145(3): 256-259.

DENTAL FUN FACT

Did You Know...

18 Percent of athletes at the 2012 Summer Olympics in London said poor oral health affected their training or performance, according to the *British Journal of Sports Medicine*.

The abutments have collar heights that range from 1-5 mm, straight, 17 and 30 degree angulations. Holes are drilled into the prosthesis in the locations of the abutments and the temporary cylinders are placed into the abutments and the cylinders are luted to the prosthesis and the occlusion is adjusted.

Patients that would not be candidates for immediate occlusal loading would include those with systemic diseases such as bleeding disorders, uncontrolled medical issues, compromised immune systems, parafunctional habits, poor bone quality, limited anterior-posterior spread and poor hygiene. For

more information visit www.diem2.biomet.com.

(I had better luck googling diem 2 and opening the pdf on diem 2 and there is also a youtube video.)

Source: Biomet3i pdf on diem 2

Dr. Brian Simpson
announces the twentieth meeting of the
NANUET IMPLANT STUDY
GROUP

**“Practical Solutions for
Full Arch Restoration”**

Speaker:

Richard Napolitano, CDT ACP
CEO of Precision Craft Dental Laboratory

Tuesday, September 16, 2014

Dinner: 6:30 Presentation: 7:00 — 9:00 pm
Restaurant X

117 North Rte. 303 Congers, NY

2 CE credits awarded by the
Ninth District Dental Association

Cost: \$50.00

To register, contact Marissa: 845-623-3497
Email: Office@Drbriansimpson.com

*“No poet ever interprets nature as freely as a
lawyer interprets truth.” -Lewis Estabrooks*