The effect of inter-implant distance on the height of inter-implant bone crest

Clinicians should proceed with great caution when placing two implants adjacent to each other in the aesthetic zone.

It is important to maintain the inter-dental papilla between teeth, especially in the aesthetic zone between 2 adjacent implants. As we know, the contact point can be established at any distance between the gingival margin as per the restorative dentist’s specifications. “In this study the height of the soft tissue to the crest of the bone was measured between two adjacent implants continued on reverse

A new study on the surface chemistry of silver-colored, mercury-based dental fillings suggests that the surface forms of mercury may be less toxic than previously thought. It appears online in ACS’ journal Chemical Research in Toxicology.

In the study, Graham George and colleagues note that mercury-based fillings, also called amalgams, have been used by dentists to repair teeth for well-over a century. In recent decades their use has become controversial because of concerns about exposure to potentially toxic mercury. However, mercury can potentially exist in several different chemical forms, each with a different toxicity. Prior to this report, little was known about how the chemical forms of mercury in dental amalgam might change over time.

Using a special X-ray technique, the scientists analyzed the surface of freshly prepared metal fillings and compared these with the surface of aged fillings (about 20 years old) from a dental clinic. Fresh fillings contained metallic mercury, which can be toxic. Aged fillings, however, typically contain a form of mercury, called beta-mercuric sulfide or metacinnabar, which is unlikely to be toxic in the body. The scientists found that the surfaces of metal fillings seem to lose up to 95 percent of their mercury over time. Loss of potentially toxic mercury from amalgam may be due to evaporation, exposure to some kinds of dental hygiene products, exposure to certain foods, or other factors. The scientists caution that “human exposure to mercury lost from fillings is still of concern.”

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

Speaker: John Ruel D.M.D., M.S.C.D  Prosthodontist
NEW TECHNOLOGY IN IMPLANT DENTISTRY

Tuesday, March 30, 2010
Dinner: 6:30    Presentation: 7:00 — 9:00 pm
Mulberry Grill    149 Main St, Nanuet, NY 10954

2 CE credits awarded by the Ninth District Dental Association
Cost: $30.00

Please bring your cases and documentation (photos, x-rays, models) for discussion.

To register, contact Theresa: 845-623-3497
or email her at theresag@drbriansimpson.com

“ Never be afraid to try something new. Remember amateurs built the ark. Professionals built the Titanic.” -unknown