Debating in D.C.

AAID Annual Meeting to focus on various implant treatment options

Washington, D.C., is the site for the annual scientific meeting of the American Academy of Implant Dentistry, from Oct. 3–6. This year, as befits a venue in the nation’s capital just a month before the presidential election, the main podium programs will include separate debates on 10 different topics in implant dentistry.

“We’re doing the meeting a little different from the past by moving away from the traditional lecture-...”

Biomaterial stimulates healing following dental implants

By Dental Tribune International

Researchers have found that blood platelet biomaterial significantly improves the healing process after placement of dental implants. In a case study, they observed beneficial short- and long-term results after the replacement of a fractured central incisor.

According to the authors of the recently published paper, restoration of the maxillary anterior segment following traumatic injuries is very complex. Even when all steps toward a favorable result have been successful, healing of the tissue can still be an unpredictable aspect, they said.

In the article, they present a new approach to improving the outcome of anterior implants by using blood platelet concentrates.

The paper reports on a case study of a 45-year-old female patient who had fractured an incisor in a sport-related accident. In an Italian private practice, the broken tooth was extracted and an implant inserted. In addition, a biomaterial of leukocyte- and platelet-rich fibrin (L-PRF) was used.

The scientists observed positive heal-

A team of international researchers has tested a blood platelet biomaterial and found that it enhances healing of the tissue after dental implants. Fed. Photo: Copyright Julian Chen, 2012/Used under license from Shutterstock.com
after-lecture format in our main podium sessions,” said AAID President James L. Bush, DDS. “It should be one of the liveliest and most provocative AAID meetings ever as our speakers will be debating alternative treatment options through their presentations.”

Leading experts will have 30 minutes to present their arguments, followed by a moderated interchange of responses. Session attendees will then be able to vote their preferences electronically following each session. The debate topics are:

- Implant dimensions: long vs. short
- Esthetics: ceramics vs. gingiva
- Treatment planning: bioengineering vs. design engineering
- Treatment options: comprehensive vs. conformative
- Grafting: plain and simple vs. bells and whistles
- Guided surgery vs. free-hand skilled surgeries
- Implant soft-tissue esthetics: biometrics vs. biomimetics
- Block grafts: autogenous vs. allogenic
- Vertical augmentation: vascularized osteotomies vs. GBR
- Prosthetics: glass ceramics vs. metal ceramics

In addition to the debates, the AAID meeting program includes live implant surgeries, according to Scientific Program Chair Shankar Iyer, DMD, as well as a global symposium featuring expert speakers from the United Kingdom, Spain, Japan, South Korea and other countries.

“Dentists who attend the AAID meeting will leave with new ideas they can implement in their practices right away,” Iyer said.

Meeting Chairman John Minichetti, DMD, added that a research symposium at the meeting will cover the latest scientific discoveries related to implant dentistry, and a staff program will offer a wide range of topics, including medical insurance coding for implant procedures, hands-on training in implant components, impressions and temporaries and legal issues.

“Our staff members will enjoy the opportunity to learn more about the clinical and administrative issues they deal with every day, and they’ll also gain valuable experience from viewing the live surgeries.”

About AAID
AAID is the leading professional society dedicated to maintaining the highest standards of implant dentistry through research and education. The academy’s annual meeting is the field’s leading venue for cutting-edge evidence-based implant research presentations and demonstrations of state-of-the-art implantation techniques.

AAID is based in Chicago and has more than 4,500 members. It is the first organization dedicated to maintaining the highest standards of implant dentistry by supporting research and education to advance comprehensive implant knowledge. More AAID information is available at www.aaid.com.

Dr. Shankar Iyer

Leading implant experts will lead lively AAID debates during the group's annual meeting in October.

Dr. James L. Bush

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ing of the tissue two days after surgery. They found that the material acts as a bio-membrane that protects the implant from the oral environment. It appears to stimulate the growth of cells and to accelerate gingival healing and maturation. After seven days, they found that the gingival esthetic profile was well defined.

At six months, they reported a satisfactory final result that was still stable and esthetic after two years. According to the researchers, L-PRF is simple, inexpensive and easy to prepare in only 15 minutes. Thus, it suits the practical needs of daily implant dentistry, in particular. Moreover, it is free of additives, such as anti-coagulant, a substance that prevents the clotting of blood, or chemicals for activation, they said.

The project was conducted by researchers at the University of Geneva’s School of Dental Medicine, the State University of New York at Buffalo’s Department of Restorative Dentistry and the Chonnam National University’s School of Dentistry in Gwangju, South Korea, in collaboration with two practitioners in Italy and Israel.

The study was published in the April issue of the Journal of Oral Implantology.