Dear Takao Watanabe,

Congratulations!

You have been selected as a POSTER SESSION CHAIR for the IADR/AMER General Session (June 25-28, 2014) in Cape Town, South Africa. Poster Session Chairs have been assigned to help facilitate discussions in the poster hall and to improve the learning experience for junior researchers. Every attempt was made to select Chairs who are not also acting as Oral Session Chairs; however, this was not possible in every case due to the number of volunteers.

Please look up your session assignment(s) at the link below: http://www.iadr.org/files/meetings/IAGS/14IAGS_OnlinePosterSessionChairs.pdf.

PLEASE RESPOND NO LATER THAN MAY 14, 2014 IF YOU ARE ABLE TO SERVE IN THIS CAPACITY.

During your assigned day/ time, you will be asked to remain in the area where your corresponding Poster #'s are located. You can preview the abstracts in your session(s) by going to: https://iadr.confex.com/iadr/14iags/webprogram/start.html

Click on the scheduled day of your session(s) and then click on the sequence number of your session(s). This will give you a list of the abstracts. To view individual abstracts, click on the titles of the abstracts.

At this time, we ask that you give us an indication as to whether or not you agree to act in the capacity as a Poster Session Chair. Please follow these steps to notify us of your decision as soon as possible:

1. Reply to this message (kskinner@iadr.org) indicating "yes" or "no" in the subject line.
2. Print out this message for your records.
3. Send any future questions regarding your role as Poster Session Chair to: meetings@iadr.org

NOTE: We must receive email confirmation (please do not call).

Poster Session Chair guidelines will be emailed directly to all Chairs in advance of the meeting. However, here are a few important reminders:

· Become familiar with the abstracts in your assigned session(s).

· Arrive for your session(s) 15 minutes early to locate the posters that have been assigned to you.

· Monitor the presentations. Encourage participation by introducing persons in the area to specific authors and performing "crowd control" as necessary. If a paper draws no questions from the floor, you are encouraged to ask questions in an attempt to stimulate discussion – especially for the student presenters.

· Make note of any "no shows" to include on the evaluation form. Poster presenters are required to be at their assigned board for their designated presentation time (for example, 2-3:15 p.m. or 3:30-4:45 p.m.) but are not required to be at their boards for the full poster viewing time (8 a.m. – 5 p.m.).

· Promptly fill out the online post-session evaluation form. The online link will be emailed directly to you.

To learn more about being an effective Chairperson, you are encouraged to attend the orientation session you will receive additional information on closer to the meeting. If you are unable to attend but have questions please email us at meetings@iadr.org

We appreciate your prompt attention to this matter, and we look forward to having you participate in this important capacity.

Thank you,
Kourtney Skinner
Senior Manager, Publications & Abstracts IADR/AADR

632 Osseointegration with New Bone in Sinus-lift using Canine Frontal Sinus

Thursday, June 26, 2014: 3:30 p.m. - 4:45 p.m.

Location: Exhibition Hall 4A (CTICC Convention Center)

Presentation Type: Poster Session

***T. WATANABE**, Kanagawa Dental University, Yokosuka, Kanagawa, Japan*

Objective: The aim is light-microscopically to observe the osseointegration with new bone developed in the space where the sinus membrane was lifted and implants were simultaneously placed without bone substitute using canine frontal sinuses.

Method: Eight HA coating implants (HA group) and four rough surface titanium implants (RS group) were placed into the frontal sinus of six beagle dogs. At 3 and 6 months after surgeries, HE stained undecalcified specimens were prepared. Then, histological observation and histomorphometric measurement were carried out.

Result: New bone developed from pre-existed wall and surrounded on the most of implant surfaces in the space under the lifted membrane. The width of pre-existing wall bone was 1.1mm. The height of new bone was 9.1mm at 3m. and 9.7mm at 6m. in HA group. It was 7.3mm at 3m. and 6.8mm at 6m. in RS group. The rate of osseointegrated new bone length for implant surface length in the space was 64.3% at 3m. and 78.5% at 6m. in HA group. It was 49.0% at 3m. and 42.0% at 6m. in RS group. The bone-implant contact rate (BIC) in osseointegrated new bone was 79.9% at 3m. and 79.9% at 6m. in HA group. It was 3.8% at 3m. and 0 at 6m. in RS group. Length of osseointegrated new bone unit was 1.0mm at 3m. and 0.8mm at 6m. in HA group. It was 0.1mm at 3m. and 0.0mm at 6m. in RS group.

Conclusion: Implants placed simultaneously at very thin pre-existing bone wall without bone substitutes. In HA group, osseointegrated new bone surrounded most of implant surface in the space and it still remained at 6m. We concluded that HA implants induced superior osseointegration with new bone and also remained for long time, even though the condition for implant placement was severe.

Keywords: Animal, Bone, Oral implantology and sinus lift

Presenting author's disclosure statement:

I have a significant financial interest/arrangement or affiliation with an organization/institution whose products or services are being discussed in this session. I understand that I must disclose this information to the participants who attend my presentation.

Yes

Organization Name	Relationship
Kanagawa Dental University	Employee (full-time or part-time employee) and proffesor in research division

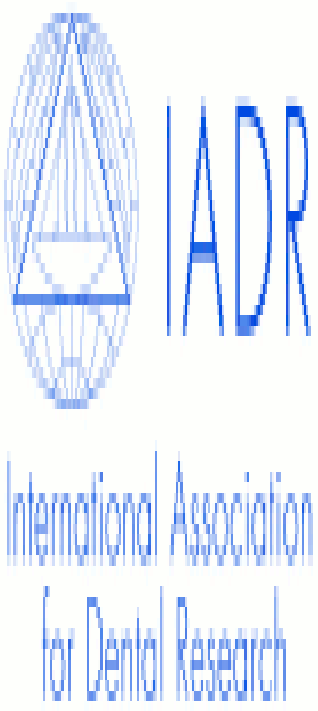
I have read the IADR policy on licensing.

Signed on 01/08/2014 by *Takao Watanabe*

See more of: Tissue Engineering/Wound Healing and Regeneration/Peri-implant Diseases

See more of: Implantology Research

<< Previous Abstract | Next Abstract >>



167 Design/Surfaces

Friday, June 27, 2014: 3:30 p.m.-4:45 p.m.

Session Type: Poster Session

Learning Objectives:

To improve the scientific information on new surfaces

To demonstrate new knowledge on new implant designs

To present new data on implant design and surface development

Micro-topography and reactivity of activated surfaces in cone morse implants

M.G. GANDOLFI[1], *F. SIBONI*[1], *G. IEZZI*[2], *A. SCARANO*[2], *A. PIATTELLI*[3], *and C. PRATI*[4], [1]*Laboratory of Biomaterials and Oral Pathology, Department of Biomedical and NeuroMotor Sciences, University of Bologna, Bologna, Italy,* [2]*Department of Medical, Oral and Biotechnological Sciences, University of Chieti-Pescara, Chieti, Italy,* [3]*University of Chieti-Pescara, Chieti, Italy,* [4]*Endodontic Clinical Section, Department of Biomedical and NeuroMotor Sciences, University of Bologna, Bologna, Italy*

1247

D.I.A.N.E. - A Functional, Biologic Active Implant Abutment

M. ABBOUD*, and J. WILKS-NELSON, Stony Brook University, Stony Brook, NY*

1248

Effects of Artificial Ageing on Acid-Etched, Injection-Moulded Zirconia Dental Implants

A.A.H. JUM'AH*, N.L. BUBB, T. COMYN, and D.J. WOOD, University of Leeds, Leeds, England*

1249

Effect of the Design on the Strength of Ceramic Implants

B.A. JUST[1], *A. SCH ヲ NE*[1], *and J. FISCHER*[2], [1]*VITA Zahnfabrik H. Rauter GmbH & Co. KG, Bad S 臓 kingen, Germany,* [2]*University of Basel, Basel, Switzerland*

1250

Modification of the zirconia dental implants surface

D. MASUOKA*, and A.N. FLORES-MALDONADO, Universidad Autonoma de Aguascalientes, Aguascalientes, Mexico*

1251

Hemocompatibility of Titania Nanotubes growth on Titanium Implants Surface

M.C.R. ALVES-REZENDE[1], *J.L. ROSA*[2], *S.G. SCHNEIDER*[2], *R.Z. NAKAZATO*[3], *P.N. LISBOA-FILHO*[4], *L.B. DE ARRUDA*[4], *L.D. TRINO*[4], *and A.P.R. ALVES-CLARO*[3], [1]*Univ Estadual Paulista UNESP, Ara 軋 tuba - S 綏 Paulo, Brazil,* [2]*S 綏 Paulo State University - USP, Lorena, Brazil,* [3]*Univ Estadual Paulista UNESP, Guaratinguet ,, Brazil,* [4]*Univ Estadual Paulista UNESP, Bauru, Brazil*

1252

Clinical Performance of Custom-made Lithiumdisilicate-ceramic Abutments in Implant-supported All-ceramic Restorations

M. ROSIN[1,2], *K. KLOCKE*[2], *D. SIEBERS*[2,3], *J.J. KRAATZ*[2], *and C. GOCKE*[1], [1]*Ernst-Moritz-Arndt-University, Greifswald, Germany,* [2]*Private Practice, Potsdam, Germany,* [3]*Private Practice, Berlin, Germany*

1253

Surface Characteristics And Biocompatibility Of Anodized Titanium-Zirconium (aTiZr) Discs

A. SHARMA[1], *J.N. WADDELL*[2], *J. MCQUILLAN*[2], *L. SHARMA*[2], *and W.J. DUNCAN*[2], [1]*Sir John Walsh Research Institute, University of Otago, Dunedin, New Zealand,* [2]*University of Otago, Dunedin, New Zealand*

1254

Biological Effect of Fibronectin Modified Titanium Surfaces

Y.C. CHANG, *School of Dentistry, College of Oral Medicine, Taipei Medical University, Taipei, Taiwan, ROC., Taipei City, Taiwan, C.T. LIN, School of Dentistry, Taipei Medical University, Taipei, Taiwan, S.W. FENG, School of Dentistry, College of Oral Medicine, Taipei Medical University, Taipei, Taiwan, H. HUANG, Graduate Institute of Biomedical Materials and Tissue Engineering, College of Oral Medicine, Taipei Medical University, Taipei, Taiwan, N. TENG, Taipei Medical University, Taipei, Taiwan, and W. CHANG, School of Dentistry, College of Oral Medicine, Taipei Medical University, Taipei, Taiwan, ROC, Taipei City, Taiwan*

1255

In-vitro Ageing and Fatigue of an Injection-moulded Zirconia Implant System

A.A.H. JUM'AH, N.L. BUBB, S. FINLAY, and ***D.J. WOOD****, University of Leeds, Leeds, England*

1256

Influence of torsion testing in dental implant prosthetic platform

M. VALENTE*, University of S 縊 Paulo, Pirassununga, Brazil, A.B.V. TEIXEIRA, FORP-USP, Ribeir 縊 Preto, Brazil, D.T. CASTRO, University of S 縊 Paulo, Ribeir 縊 Preto, Brazil, A.P. MACEDO, University of Sao Paulo, Dental School of Ribeirao Preto, Ribeir 縊 Preto, SP, Brazil, A.C. SHIMANO, FMRP-USP, Ribeir 縊 Preto, Brazil, and A.C. DOS REIS, Faculdade de Odontologia de Ribeir 縊 Preto, Ribeir 縊 Preto, Brazil*

See more of: Implantology Research

<< Previous Session | Next Session >>

166 Clinical Trials - Biomechanics - Overdentures - Clinical Outcomes

Friday, June 27, 2014: 3:30 p.m.-4:45 p.m.

Session Type: Poster Session

Learning Objectives:

To present information from biomechanical tests

To demonstrate data from new clinical trials in Implant therapy

To illustrate new information about overdenture treatment

Succcess of Short- vs. Long- Implants in the Bicuspid Area

P. FAMILI, *University of Pittsburgh, Pittsburgh, PA, E. AL-KHALIFA, (former resident) University of Pittsburgh Department of Periodontics and Preventive Dentistry, Pittsburgh, PA, and A. SEYEDAIN, Assistant Professor, Director of First Professional Education, Pittsburgh, PA*

1229

Clinical and Radiologic Evaluation of Immediate Loading Single Tooth Implants

*H. SEMYARI[1], **F. BASTAMI**[2], T. JALAYER[3], S. SHAYEGH[3], and M.B. ALKHAFAF[4], [1]Associated Professor of Dental School of Shahed University, Tehran, Iran, [2]Dental School of Shahed University, Tehran, Iran, [3]Assistant Professor of Dental School of Shahed University, Tehran, Iran, [4]Dentist, Tehran, Iran*

1230

Long-Term Stable Biologic Width of Immediately Loaded Implants in Humans

A. POLSON[1], *S. LEE[1], D. SHARKEY[1], and M. FELDSTEIN[2], [1]University of Pennsylvania, Philadelphia, PA, [2]MDCI, North Attleboro, MA*

1231

Effect of Interimplant Distance and Retention on Implant Overdenture Satisfaction

O. GECKILI[1], *H. BILHAN[1], C. BURAL[1], A. CILINGIR[1], O. ERDOGAN[2], A. OZDILER[2], C. BILMENOGLU[3], and A. COSKUN KESOGLU[2], [1]Associate Professor, istanbul, Turkey, [2]PhD Student, istanbul, Turkey, [3]PhD Student, Istanbul, Turkey*

1232

Clinical Performance of Post-Extraction Wide Implants: 2 years follow-up

*S. BORTOLINI, University of Modena and Reggio Emilia, S. Maria Maddalena (RO), Italy, **M. MARTINOLLI**, University of Modena and Reggio Emilia, Adria, Italy, A. BERZAGHI, University of Modena and Reggio Emilia, Mantova, Italy, A. NATALI, University of Modena and Reggio Emilia, Carpi (MO), Italy, A. LOLLI, Universit□ di Modena e Reggio Emilia, Verona, Italy, V.R. ZANGARA, University of Modena and Reggio Emilia, Palermo, Italy, and U. CONSOLO, University of Modena and Reggio Emilia, Modena, Italy*

1233

Effect of Cleansing Solutions and Fatigue on Retention of Overdentures

L.C. CRIZ□STOMO[1], *H.F.O. PARANHOS[1], L.G. VAZ[2], J.M.D.S. NUNES REIS[3], R.F. DE SOUZA[1], D.N.B. FELIPUCCI[4], and V.O. PAGNANO[4], [1]University of S□ Paulo, Ribeir□ Preto, Brazil, [2]UNESP Univ Estadual Paulista, Araraquara, Brazil, [3]Universidade Estadual Paulista J□□io de Mesquita Filho, Faculdade de Odontologia de Araraquara, Araraquara, Brazil, [4]Universidade de S□ Paulo, Ribeir□ Preto, Brazil*

1234

THE ANALYSIS OF DENTAL IMPLANT TREATMENT OUTCOMES: A RETROSPECTIVE STUDY

F.D. □ETINER[1], *A. URAZ[2], B. GULER[2], S. FARAHVASH[1], S. BOZKAYA[2], and M. YALIM[2], [1]Gazi University, ANKARA, Turkey, [2]University of Gazi, Ankara, Turkey*

1235

Biomechanical Investigation of Mandibular Molar Implants

M. OMORI, *Y. SATO, N. KITAGAWA, T. OGAWA, Y. SHIMURA, and N. TAKAMATSU, Showa University, Tokyo, Japan*

1236

Stress Distribution Analysis of Tooth-Implant Supported

A.V. MARTINS[1], *W.M.S. ROCHA*[2], *N.R.F.A. SILVA*[3], *R.C. ALBUQUERQUE*[2], *R.R. DA SILVEIRA*[2], *and W.A. SOARES*[2], [1]*Federal University of Minas Gerais, Sete Lagoas, Brazil,* [2]*Federal University of Minas Gerais, Belo Horizonte, Brazil,* [3]*Restorative Dentistry Universidade Federal de Minas Gerais, BELO HORIZONTE, Brazil*

1237

Effects of Anodization-Cyclic Precalcification-Heat Treatment on Ti6Al4V Alloy Orthodontic Miniscrews

E.J. OH[1], *T.S. BAE*[2], *M.H. LEE*[3], *Y.M. JEON*[4], *S.Y. LEE*[4], *and* ***J.G. KIM***[4], [1]*Sun dental hospital, Daejeon, South Korea,* [2]*Chonbuk National University, Jeon Ju, South Korea,* [3]*Chonbuk National University, Jeonju, South Korea,* [4]*Institute of Oral Bioscience, School of Dentistry, Chonbuk National University, Jeonju, South Korea*

1238

Relationship between muscle activity and damage of implant supported superstructures

N. TANABE, *Y. OYAMADA, K. KANEMURA, and H. KONDO, Iwate Medical University, Morioka, Japan*

1239

Patient considerations for tooth replacement by dental implants

K.C.M. LEUNG, *and A.S.H. YIP, University of Hong Kong, Hong Kong SAR, China*

1240

Retention of o'ring overdenture subjected to daily hygiene solutions

D.N.B. FELIPUCCI[1], *L.G. VAZ*[2], *R.F. DE SOUZA*[3], *H.F.O. PARANHOS*[4], *J.M.D.S.N. REIS*[5], *L.C. CRIZ ₸ STOMO*[4], *and V.O. PAGNANO*[1], [1]*Universidade de S 縊 Paulo, Ribeir 縊 Preto, Brazil,* [2]*UNESP Univ Estadual Paulista, Araraquara, Brazil,* [3]*Ribeir 縊 Preto Dental School - University of S 縊 Paulo, Ribeir 縊 Preto, Brazil,* [4]*University of S 縊 Paulo, Ribeir 縊 Preto, Brazil,* [5]*Araraquara Dental School, UNESP- Univ Estadual Paulista, Araraquara, Brazil*

1241

Influence of Prosthodontics Factors on Bone Stress/strain Around Single Implants

G.D.V. CAMARGOS, *University of Campinas - UNICAMP/ Piracicaba Dental School, Piracicaba, Brazil; KU Leuven & University Hospitals Leuven - Department of Oral Health Sciences & Dental Clinic, Leuven, Belgium, B.S. SOTTO-MAIOR, S 縊 Leopoldo Mandic, Juiz de Fora, Brazil, and A.A. DEL BEL CURY, Piracicaba Dental School - UNICAMP, Piracicaba - SP, Brazil*

1242

Bone loss around dental implants in type II Diabetes Mellitus

S. MATALON, *Tel-Aviv University School of Dental Medicine, Tel-Aviv, Israel, J. BLOCK, Tel-Aviv University, Tel Aviv, Israel, S. LIVNE, School Of Dental Medicine, Tel -Aviv University, Tel-Aviv, Israel, J. KOHEN, Privat*

Practice, Holon, Israel, and Z. ORMIANER, School of dental Medicine, tel-Aviv University, Tel-Aviv, Israel

1243

Biomechanical Behaviors of Natural Tooth and Dental Implant:Animal Study

Y. HUANG[1], *H.H. CHANG*[1], *and C.P. LIN*[2], [1]*National Taiwan University, Taipei, Taiwan,* [2]*Graduate Institute of Clinical Dentistry, School of Dentistry, National Taiwan University and National Taiwan University Hospital, Taipei, Taiwan*

1244

Transcrestal Sinus Floor Elevation: 2 years follow-up

S. BORTOLINI[1], ***A. BERZAGHI***[2], *M. MARTINOLLI*[3], *A. NATALI*[4], *M. PAIARDI*[5], *L. ZIVERI*[6], *and U. CONSOLO*[5], [1]*University of Modena and Reggio Emilia, S. Maria Maddalena (RO), Italy,* [2]*University of Modena and Reggio Emilia, Mantova, Italy,* [3]*University of Modena and Reggio Emilia, Adria, Italy,* [4]*University of Modena and Reggio Emilia, Carpi (MO), Italy,* [5]*University of Modena and Reggio Emilia, Modena, Italy,* [6]*University of Modena and Reggio Emilia, Casalecchio di Reno (Bo), Italy*

1245

Immediate Temporization of NobelReplace Conical Connection Implants, 1-year Follow-up

A. POZZI, University of Rome Tor Vergata, Rome, Italy, ***R.A. BAER****, University Associates in Dentistry, Chicago, IL, A. BEHNEKE, University Medical Center of Johannes Gutenberg University Mainz, Mainz, Germany, G. HEYDECKE, University Medical Center Hamburg-Eppendorf, Hamburg, Germany, E. GOTTESMAN, Private Practice, New York, NY, R. N ℑ LKEN, Private Practice, Lindau, Germany, W. ZECHNER, Bernhard Gottlieb University Clinic of Dentistry, Vienna, Austria, and S. COLIC, University of Belgrade, Belgrade, Serbia*

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