

The 41st Annual Meeting of Japan Society for Adhesive Dentistry, The International Congress on Adhesive Dentistry (IAD2022@Sapporo) Program

Day 1 6/3 (Fri)

Venue: 2nd floor Auditorium

Satellite Venue: 1st floor Small Auditorium

13 : 20 ~ 13 : 30 **Opening Ceremony:** President of the 41st JSAD Toru Nikaido
President of the IAD Hidehiko Sano

13 : 30 ~ 13 : 50 **Memorial Ceremony** In memoriam: Nobuo Nakabayashi

14 : 00 ~ 14 : 45 **Invited Lecture 1** Chair: Yasushi Shimada (Tokyo Medical and Dental University)
[Creating a future of dentistry]
Junji Tagami (Quartz Dental Clinic)

14 : 45 ~ 15 : 00 Break Time

15 : 00 ~ 15 : 45 **Invited Lecture 2** Chair: Monica Yamauti (Hokkaido University)
[Sustainable biomimetic approaches for restoration of vital vs devital teeth]
Sema Belli (Selcuk University, Republic of Turkey)

15 : 45 ~ 16 : 00 Break Time

16 : 00 ~ 16 : 45 **Invited Lecture 3** Chair: Satoshi Inoue (Hokkaido University)
[Key features modern universal adhesives need for durable bonding]
Bart Van Meerbeek (KU Leuven, Belgium)

16 : 45 ~ 17 : 00 Break Time

17 : 00 ~ 18 : 00 **IAD International Meeting**

13 : 30 ~ 18 : 00 Poster Presentation

Venue: 1st floor 1st Meeting Room

※Only JSAD Poster Presentations can be viewed and discussed at the venue.

Set-up Posters: 6/3 (Fri) 12 : 30 ~ 13 : 30

Viewing Time: 6/3 (Fri) 13 : 30 ~ 18 : 00

6/4 (Sat) 9 : 00 ~ 16 : 10

6/5 (Sun) 9 : 00 ~ 11 : 00

Discussion Time: 6/5 (Sun) 11 : 00 ~ 11 : 50

Remove Posters: 6/5 (Sun) 11 : 50 ~ 12 : 30

JSAD: You can viewed at the venue and online.

- J-1. Wet-dentin bonding state of recent all-in-one adhesive systems under *in vitro* pulpal-pressure conditions

Department of Adhesive Dentistry, School of Life Dentistry at Tokyo, The Nippon Dental University

Komoto M, Sugiyama R, Maruyama C, Koshida S, Nara Y

- J-2. Dentin bonding durability of four different self-etch adhesives

¹⁾ Department of Operative Dentistry, Division of Oral Functional Science and Rehabilitation, School of Dentistry, Asahi University

²⁾ Division of Biomaterials, Prosthodontic Dentistry Department, Faculty of Dentistry, King Salman International University, El Tur, South Sinai, Egypt

Kitahara S¹⁾, Takagaki T¹⁾, Shimizu S¹⁾, Okamura S¹⁾, Ito R¹⁾, Muramatsu R¹⁾, Abdou A²⁾, Nikaido T¹⁾

- J-3. Evaluation of the effects of HEMA and MDP formulation on 2-step bonding agent

GC Corporation

Shoji T, Yamashita M, Hirano K, Fusejima F

- J-4. Effect of simulated pulp pressure on universal adhesives bond strength

Department of Restorative Dentistry, Faculty of Dental Medicine, Hokkaido University

Li Y, Liu Y, Sakata T, Alam A, Md Refat Readul Islam, Tanaka T, Ikeda T, Hoshika S, Matsumoto M, Kawamoto C, Yamauti M, Sano H

- J-5. Preliminary study for development of new micro tensile bond strength testing

Department of Restorative Dentistry, Faculty of Dental Medicine and Graduate School of Dental Medicine, Hokkaido University, Sapporo, Japan

Yamashita K, Toida Y, Matsumoto M, Hoshika S, Kawamoto C, Ikeda T, Tanaka T, Yamauti M, Sano H

- J-6. Effect of various surface treatments on tensile bond strength to lithium disilicate glass ceramics

¹⁾ Department of Operative Dentistry, Division of Oral Functional Science and Rehabilitation, School of Dentistry, Asahi University

²⁾ Division of Biomaterials, Prosthodontic Dentistry Department, Faculty of Dentistry, King Salman International University, El Tur, South Sinai, Egypt

Shimizu S¹⁾, Takagaki T¹⁾, Kitahara S¹⁾, Kusakabe S¹⁾, Abdou A²⁾, Nikaido T¹⁾

- J-7. Alkali and acid treatments for removing salivary contamination on feldspar porcelain
Division of Biomaterials, Kyushu Dental University
Komagata Y, Ikeda H, Nagamatsu Y, Shimizu H
- J-8. Effects of ceramic primers on the bonding of resin cement to air-abraded zirconia with alumina or silica-coated alumina
¹⁾Department of Applied Prosthodontics, Graduate School of Biomedical Sciences, Nagasaki University
²⁾Clinic of Fixed Prosthodontics, Nagasaki University Hospital
Tsuda F¹⁾, Yoshida K²⁾
- J-9. Effect of building direction on shear bond strength of additive manufacturing zirconia
¹⁾Division of Fixed Prosthodontics, Department of Restorative & Biomaterials Sciences, Meikai University School of Dentistry
²⁾Department of Dental Materials, The Nippon Dental University, School of Life Dentistry at Tokyo
Miura S¹⁾, Shinya A²⁾, Miura D²⁾, Ishida Y²⁾, Fujisawa M¹⁾
- J-10. Effects of primers on bond strength between titanium and self-adhesive resin cement
Department of Dental Materials Science, Division of Oral Functional Sciences and Rehabilitation, Asahi University School of Dentistry
Okuyama K, Tamaki Y
- J-11. Shear bond strength of resin cement to FDM-formed PEEK and the effect of fabrication direction
Dental Materials Science, School of Life Dentistry at Tokyo, The Nippon Dental University
Miura D, Ishida Y, Aoki H, Shinya A
- J-12. Evaluation of wear resistance of resin cements
GC Corporation
Sato K, Hirano K, Fusejima F
- J-13. Development and validation of new pressure variable chairside sandblaster
¹⁾Department of Operative Dentistry, Division of Oral Functional Science and Rehabilitation, School of Dentistry, Asahi University
²⁾Morita Tokyo Mfg. Co., Ltd. Third Technology Development Department
Okamura S¹⁾, Takagaki T¹⁾, Kitahara S¹⁾, Shimizu S¹⁾, Ito R¹⁾, Idono T¹⁾, Arakawa Y²⁾, Nikaido T¹⁾
- J-14. The effect of blood on the hardening of pulp capping agents
Department of Restorative Dentistry and Endodontology, Kagoshima University Graduate School of Medical and Dental Sciences
Hoshika T, Katsumata A, Nishitani Y

IAD: You can be viewed only online.

- I-1. Nondestructive observation of adhesively cemented interface between dentin and indirect composite resin disks using a novel terahertz pulsed imaging technique
¹ Department of Regenerative Dental Medicine, Tokushima University Graduate School of Biomedical Sciences
² Institute of Post-LED Photonics, Tokushima University
Yonekura K¹, Ida Y¹, Tokisane Y², Yano T², Iuchi T¹, Yasui T², Hosaka K¹
- I-2. Clinical performance of mono-block direct composite crown restorations
¹ Tashiro Dental Clinic, ² Habara Dental Clinic, ³ Quartz Dental Clinic
⁴ Department of Operative Dentistry, Division of Oral Functional Science and Rehabilitation, Asahi University School of Dentistry
⁵ Department of Regenerative Dental Medicine, Tokushima University Graduate School of Biomedical Sciences
⁶ Department of Cariology and Operative Dentistry, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University (TMDU)
Tashiro H¹, Miki H², Tagami J^{3,6}, Takagaki T⁴, Hosaka K⁵, Sato T⁶, Hatayama T⁶, Shimada Y⁶
- I-3. Effect of Silver Diammine fluoride on bond strength of new universal adhesives
Department of Restorative Dentistry, Faculty of dental Medicine, Hokkaido University
Papichaya I, Yuan Y, Ikeda T, Kawamoto C, Tanaka T, Hoshika S, Matsumoto M, Sano H
- I-4. Are HEMA and 10-MDP necessary in the bonding agent of a 2-SEA?
¹ Department of Regenerative Dental Medicine, Tokushima University Graduate School of Biomedical Sciences
² Cariology and Operative Dentistry, Department of Restorative Sciences, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University
³ Department of Oral Prosthetic Engineering, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University
⁴ Department of Biomaterials and Bioengineering, Tokushima University Graduate School of Biomedical Sciences
Iuchi T¹, Yonekura K¹, Ida Y¹, Motoyama Y², Ikeda M³, Hamada K⁴, Nakajima M², Hosaka K¹
- I-5. Polymerization Behavior of Composites at Top/Bottom of Cavity using Different Light Cure
¹ Department of Cariology and Operative Dentistry, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University
² Department of Restorative Dentistry, School of Dentistry, University of Washington
Yoshikawa T¹, Sadr A², Shimada Y¹
- I-6. Effect of new resin based dentin desensitizer on permeability for the treatment of dentin hypersensitivity
Department of Operative Dentistry, Osaka Dental University
Yasuo K, Morikawa Y, Iwasaki K, Ouchi S, Onda K, Suzuki K, Miyaji H, Hatsuoka Y, Iwata N, Yoshikawa K, Yamamoto K

- I-7. **Bond strength of resin composite to novel octyl-type silane coupling agent**
¹⁾ Department of Clinical Biomaterials, Kanagawa Dental University
²⁾ Materials & Surface Engineering Research Institute, Kanto Gakuin University
Nihei T^{1,2)}, Katayama Y¹⁾, Midono T¹⁾, Aoki K¹⁾, Yamaguchi H¹⁾, Ohashi K¹⁾
- I-8. **Shear bond strength to tooth structure of a new light-cured resin cement**
¹⁾ Department of Biomaterials, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences.
²⁾ Occlusion and Removable Prosthodontics, Okayama University Hospital
Irie M¹⁾, Maruo Y²⁾, Nishigawa G²⁾, Matsumoto T¹⁾
- I-9. **The effect of deproteinizing pretreatment on bonding performance and acid resistance to eroded dentin**
¹⁾ Department of Cariology and Operative Dentistry, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan
²⁾ Department of Regenerative Dental Medicine, Graduate School of Biomedical Sciences, Tokushima University, Japan
³⁾ Department of Oral Prosthetic Engineering, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan
Yi Yang¹⁾, Inoue G¹⁾, Hosaka K²⁾, Ikeda M³⁾, Shimada Y¹⁾
- I-10. **Mechanical properties of the newly-developed cavity lining/base material containing mineral trioxide aggregate**
¹⁾ Department of Operative Dentistry, Endodontology, and Periodontology, School of Dentistry, Matsumoto Dental University
²⁾ Department of Oral Health Promotion, Graduate School of Oral Medicine, Matsumoto Dental University
Nakamura K¹⁾, Wu Chia-Ying^{1,2)}, Kobayashi A^{1,2)}, Koike T¹⁾, Miyakuni A¹⁾, Kohda K¹⁾, Komatsu S¹⁾, Komachiya M¹⁾, Abo H¹⁾, Kameyama A^{1,2)}
- I-11. **Influence of nanochitosan self-etch primers on the dentin surface and in proteolytic activity**
¹⁾ Department of Restorative Dentistry, School of Dentistry of Ribeirão Preto, University of São Paulo
²⁾ Department of Pediatric Clinics, School of Dentistry of Ribeirão Preto, University of São Paulo
Pâmella Coelho Dias¹⁾, Gabriela Migotto Goering¹⁾, Isabela Barbosa Quero¹⁾, Juliana Jendiroba Faraoni¹⁾, Francisco Wanderley Garcia de Paula e Silva²⁾, Regina Guenka Palma-Dibb¹⁾
- I-12. **Effect of operator experience on dentin bond strength of different adhesives**
¹⁾ Department of Restorative Dentistry, Graduate School of Dental Medicine, Hokkaido University, Sapporo, Japan
²⁾ Faculty of Dental Medicine, Hokkaido University, Sapporo, Japan
³⁾ Department of Stomatology, Beijing Tongren Hospital, Capital Medical University, Beijing, China
Di Wu¹⁾, Kawamoto C¹⁾, Yamauti M¹⁾, Ito N²⁾, Okazaki T²⁾, Ye Yao¹⁾, Toyama A¹⁾, Arefin Alam¹⁾, Fei Chen³⁾, Hoshika S¹⁾, Matsumoto M¹⁾, Tanaka T¹⁾, Sano H¹⁾

- I-13. Bonding performance of commercial and experimental self-adhesive resin composites to dentin
Department of Restorative Dentistry, Graduate School of Dental Medicine, Hokkaido University
Ye Yao, Di Wu, Tanaka T, Ikeda T, Hoshika S, Matsumoto M, Kawamoto C, Yamauti M, Sano H
- I-14. Observation of the cavity adaptation of a newly developed self-adhesive resin composite by OCT
¹⁾ Department of Cariology and Operative Dentistry, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University (TMDU), Japan
²⁾ Center for Development of Advanced Medicine for Dental Diseases, National Center for Geriatrics and Gerontology, Japan
Inoue G¹⁾, Sumi Y²⁾, Shimada Y¹⁾
- I-15. Shear Bond Strength of New Universal Bonding Agent with Bioactive Function
Research & Development Department, Sun Medical, Moriyama, Shiga, Japan
Takebe M, Inami C, Kamimoto Y
- I-16. Effectiveness of silane coupling agent incorporated in universal adhesive
¹⁾ National Institute of Advanced Industrial Science and Technology (AIST), Health Research Institute, Ka-gawa, Japan; Okayama University, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Department of Pathology & Experimental Medicine, Okayama, Japan
²⁾ Advanced Research Center for Oral and Craniofacial Sciences, Okayama University Dental School, Okayama, Japan
³⁾ Department of Prosthodontics, Okayama University Hospital
⁴⁾ Department of Biomaterials and Bioengineering, Faculty of Dental Medicine, Hokkaido University
Yoshihara K¹⁾, Nagaoka N²⁾, Maruo Y³⁾, Yoshida Y⁴⁾
- I-17. Effect of mold enclosure and chisel design on fatigue bond strength of adhesive systems
¹⁾ Department of Restorative Dentistry, Oregon Health Science University School of Dentistry
²⁾ Department of General Dentistry, Creighton University School of Dentistry
³⁾ Department of Operative Dentistry, University of Iowa College of Dentistry
Watanabe H¹⁾, Wayne W. Barkmeier²⁾, Kawashima S¹⁾, Mark A. Latta²⁾, Tsujimoto A³⁾
- I-18. Long-term bond durability of a newly developed 2-step universal adhesive in self-etch mode
Department of Operative Dentistry, University of Iowa College of Dentistry
Tsujimoto A, Amira Elgreatly, Nathalia Restorepo-Kennedy, Erica C. Teixeira

- I-19. Polychromatic composite and resin infiltration restorations in the esthetic zone: A 5-year clinical report
- ¹⁾ Department of Restorative Dentistry, Oregon Health & Science University School of Dentistry
- ²⁾ Texas Tech University Health Sciences Center El Paso Woody L. Hunt School of Dental Medicine
- ³⁾ Department of Operative Dentistry, University of Iowa College of Dentistry
Kawashima S¹⁾, Watanabe H¹⁾, Carlos A. Jurado²⁾, Tsujimoto A³⁾
- I-20. Evaluation of bonding performance of universal adhesives to enamel utilizing a new technique
- ¹⁾ Department of Stomatology, Beijing Tongren Hospital, Capital Medical University, Beijing, China
- ²⁾ Department of Restorative Dentistry, Graduate School of Dental Medicine, Hokkaido University, Sapporo, Japan
Fei Chen¹⁾, Jiang Lin¹⁾, Di Wu²⁾, Arefin Alam²⁾, Yamauti M²⁾, Sano H²⁾
- I-21. Minimally invasive multidisciplinary approach to a single discolored anterior tooth
- ¹⁾ Department of Operative Dentistry, University of Iowa College of Dentistry
- ²⁾ Department of Periodontics, National University of Rosario School of Dentistry
- ³⁾ Texas Tech University Health Sciences Center El Paso Woody L. Hunt School of Dental Medicine
Natalia Restrepo-Kennedy¹⁾, Jose Villalobos-Tinoco²⁾, Carlos A. Jurado³⁾, Tsujimoto A¹⁾
- I-22. The potential of ZnO/CuO nanocomposite contain self-etching primer on bond dentin bonding ability
- ¹⁾ Division of Clinical Cariology and Endodontology, Department of Oral Rehabilitation, School of Dentistry, Health Sciences University of Hokkaido
- ²⁾ Department of Dental Materials Science, Asahi University School of Dentistry
- ³⁾ Department of Restorative Dentistry and Endodontology, Osaka University Graduate School of Dentistry
Matsuda Y¹⁾, Altankhishig Bayarchimeg¹⁾, Okuyama K²⁾, Yamamoto H³⁾, Saito T¹⁾
- I-23. Effect of antioxidant materials on enamel bond strength after bleaching
Department of Restorative Dentistry, Division of Oral Health Science, Hokkaido University Graduate School of Dental Medicine
Yago R, Kawamoto C, Di Wu, Suzuki K, Hoshika S, Tanaka T, Yamauti M, Sano H

- I-24. Comparison of the bond strength of CAD/CAM inlay restorations with a specific cement
¹⁾ Department of Cariology and Operative Dentistry, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University (TMDU), Japan
²⁾ Oral Diagnosis and General Dentistry, Tokyo Medical and Dental University (TMDU) Hospital, Japan
³⁾ Department of Gerodontology and Oral Rehabilitation, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University (TMDU), Japan
⁴⁾ Department of Operative Dentistry, Division of Oral Functional Science and Rehabilitation, School of Dentistry, Asahi University, Japan
⁵⁾ Quartz Dental Clinic, Japan
Takahashi R¹⁾, Uchiyama S¹⁾, Kanamori Y²⁾, Rozan S¹⁾, Oda Y¹⁾, Sato T¹⁾, Shinagawa J¹⁾, Inokoshi M³⁾, Nikaido T⁴⁾, Tagami J^{1,5)}, Shimada Y¹⁾
- I-25. Sintering distortion of FPDs milled from various zirconia disks: Influence of layered structure and vertical milling area
Department of Fixed Prosthodontics, Tokyo Dental College
Hirano M, Nomoto S, Kawasaki T, Sakai T, Yotsuya M, Sekine H
- I-26. Morphological analysis of femtosecond laser irradiated lithium disilicate glass-ceramics and highly translucent zirconia - A preliminary study
¹⁾ Department of Gerodontology and Oral Rehabilitation, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University
²⁾ National Institute of Advanced Industrial Science and Technology (AIST), Health Research Institute, Kagawa, Japan; Okayama University, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Department of Pathology & Experimental Medicine
³⁾ National Institute of Advanced Industrial Science and Technology (AIST), Research Institute for Advanced Electronics and Photonics
⁴⁾ Advanced Research Center for Oral and Craniofacial Sciences, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences
Inokoshi M¹⁾, Yoshihara K²⁾, Kakehata M³⁾, Yashiro H³⁾, Nagaoka N⁴⁾, Tonprasong W¹⁾, Xu K¹⁾, Minakuchi S¹⁾
- I-27. Effects of alumina air-abrasion on the bond strength of ultraviolet polymerized resin to 3D printed denture base
Division of Removable Prosthodontics, Department of Oral Rehabilitation, Fukuoka Dental College
Tanaka A, Kawaguchi T, Tsuzuki T
- I-28. Tensile bond strengths of different resin cement systems to poly-ether-ether-ketone (PEEK)
¹⁾ Division of Biomaterials, Department of Oral Functions, Kyushu Dental University
²⁾ Division of Oral Reconstruction and Rehabilitation, Department of Oral Functions, Kyushu Dental University
Hata K^{1,2)}, Komagata Y¹⁾, Nagamatsu Y¹⁾, Masaki C²⁾, Hosokawa R²⁾, Ikeda H¹⁾

- I-29. Efficacy of sandblast surface-treatment on the bonding-improvement of metal-free CAD/CAM restoratives
 Department of Adhesive Dentistry, School of Life Dentistry at Tokyo, The Nippon Dental University
 Maseki T, Murata T, Nara Y
- I-30. Shear bond strength between highly translucent pre-sintered zirconia coated with feldspathic porcelain and resin luting agent
¹⁾ Department of Fixed Prosthodontics, Nihon University School of Dentistry
²⁾ Division of Advanced Dental Treatment, Dental Research Center, Nihon University School of Dentistry
 Takata H¹⁾, Kubochi K¹⁾, Kimura F¹⁾, Matsushima K¹⁾, Matsumura H¹⁾, Komine F^{1,2)}
- I-31. Effect of the multi-purpose primer and airborne particle abrasion on bond durability for cast titanium and gold alloy
¹⁾ Department of Fixed Prosthodontics, Nihon University School of Dentistry
²⁾ Division of Advanced Dental Treatment, Dental Research Center, Nihon University School of Dentistry
³⁾ Department of Dental Materials, Nihon University School of Dentistry
⁴⁾ Division of Biomaterials Science, Dental Research Center, Nihon University School of Dentistry
 Hiraba H^{1,2)}, Koizumi H^{3,4)}, Takehana K¹⁾, Mikami W¹⁾, Nogawa H¹⁾, Matsumura H¹⁾
- I-32. Adhesion and mechanical properties of PEEK block by CAD/CAM system
¹⁾ Department of Clinical Biomaterials, Kanagawa Dental University
²⁾ Department of Dental Biomaterials, Nihon University School of Dentistry at Matsudo
³⁾ Materials & Surface Engineering Research Institute, Kanto Gakuin University
 Katayama Y¹⁾, Ohashi K¹⁾, Midono T¹⁾, Aoki K¹⁾, Yamaguchi H¹⁾, Nagata S²⁾, Tanimoto Y²⁾, Nihei T^{1,3)}
- I-33. Clinical Effectiveness of direct composite vs. zirconia resin-bonded fixed dental prostheses
¹⁾ Department of Cariology and Operative Dentistry, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University (TMDU)
²⁾ Tashiro Dental Clinic, ³⁾ Habara Dental Clinic, ⁴⁾ Otani Dental Clinic, ⁵⁾ Suzuki Dental Clinic
⁶⁾ Total Dental Clinic Tokyo Aoi
⁷⁾ Department of Regenerative Dental Medicine, Tokushima University Graduate School of Biomedical Sciences
⁸⁾ Quartz Dental Clinic
 Sato T¹⁾, Tashiro H^{1,2)}, Miki H³⁾, Otani K⁴⁾, Nishimura M^{1,5)}, Takahashi M^{1,6)}, Hosaka K^{1,7)}, Tagami J^{1,8)}, Shimada Y¹⁾
- I-34. Study on adhesive durability the luting agents to zirconia
 -Appropriate concentration of acidic monomer-
¹⁾ Department of Fixed Prosthodontics, Kanagawa Dental University
²⁾ Department of Clinical Biomaterials, Kanagawa Dental University
 Tsunoi S¹⁾, Katayama Y²⁾, Ohashi K²⁾, Hoshi N¹⁾, Kimoto K¹⁾, Nihei T²⁾

I-35. Survival of the anterior mono-block direct composite crown

¹⁾ Habara Dental Clinic, ²⁾ Tashiro Dental Clinic, ³⁾ Quartz Dental Clinic

⁴⁾ Department of Operative Dentistry, Division of Oral Functional Science and Rehabilitation, Asahi University School of Dentistry

⁵⁾ Department of Regenerative Dental Medicine, Tokushima University Graduate School of Biomedical Sciences

⁶⁾ Department of Cariology and Operative Dentistry, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University (TMDU)

Miki H¹⁾, Tashiro H²⁾, Tagami J^{3,6)}, Takagaki T⁴⁾, Hosaka K⁵⁾, Sato T⁶⁾, Hatayama T⁶⁾, Shimada Y⁶⁾

I-36. Monolithic ultra-translucent multi layered zirconia restorations in the esthetic zone

¹⁾ Minnesota Dental Research Center for Biomaterials and Biomechanics, University of Minnesota School of Dentistry

²⁾ Department of Prosthodontics, University of Iowa College of Dentistry

³⁾ Texas Tech University Health Sciences Center El Paso Woody L. Hunt School of Dental Medicine

⁴⁾ Department of Operative Dentistry, University of Iowa College of Dentistry
Nicholas G. Fischer¹⁾, Ahmad M. Mahrous²⁾, Carlos A. Jurado³⁾, Tsujimoto A⁴⁾

I-37. Fracture Strength of Chair-side CAD/CAM Lithium Disilicate Crowns and Occlusal Veneers with and without Margin

¹⁾ Texas Tech University Health Sciences Center El Paso Woody L. Hunt School of Dental Medicine. El Paso, Texas, USA.

²⁾ The Ohio State University College of Dentistry. Columbus, Ohio, USA.

³⁾ University of Iowa College of Dentistry. Iowa City, Iowa, USA.

Carlos Alberto Jurado¹⁾, Damian Lee²⁾, Tsujimoto A³⁾

I-38. Diagnosis of occlusal and proximal caries using SS-OCT

¹⁾ Minnesota Dental Research Center for Biomaterials and Biomechanics, University of Minnesota School of Dentistry

²⁾ Department of Prosthodontics, University of Iowa College of Dentistry

³⁾ Texas Tech University Health Sciences Center El Paso Woody L. Hunt School of Dental Medicine

⁴⁾ Department of Operative Dentistry, University of Iowa College of Dentistry

Shimada Y¹⁾, Nakagawa H¹⁾, Tabata T¹⁾, Sato T¹⁾, Sadr Alireza²⁾, Sumi Y³⁾, Tagami J¹⁾

Day 2 6/4 (Sat)

Venue: 2nd floor Auditorium

Satellite Venue: 1st floor Small Auditorium

9 : 00 ~ 9 : 45 **Invited Lecture 4** Chair: Masahiro Yoshiyama (Okayama University)
「Advantages, disadvantages and future direction of adhesive dentistry」
Ricardo M. Carvalho (University of British Columbia, Canada)

9 : 45 ~ 10 : 00 Break Time

10 : 00 ~ 10 : 45 **Invited Lecture 5** Chair: Satoshi Imazato (Osaka University)
「Clinical Aspects of Resin-Bonded Fixed Dental Prosthesis (RBFDPs) with Ovate Pontic in the
Esthetic Region」
Hiroyuki Kibayashi (KIBAYASHI Dental Clinic)

10 : 45 ~ 13 : 00 Break Time

13 : 00 ~ 14 : 00 **Special Lecture 1** Chair: Yuji Tsubota (Vice president of the Japan Society for
Adhesive Dentistry)
※Japanese only available
「The history of adhesive ~ In 40 years of clinical practice ~」
Hideto Takahashi (President of Japan Dental Federation/Iogi Dental Clinic)

14 : 00 ~ 14 : 20 Break Time

14 : 20 ~ 14 : 50 **Special Lecture 2** Chair: Yoichiro Nara (President of the Japan Society for Adhesive
Dentistry)
※Japanese only available
「Expected activities in building blocks for innovation」
Masahito Sumitomo (President of Japanese Association for Dental Science)

14 : 50 ~ 15 : 10 Break Time

15 : 10 ~ 16 : 10 **Specialist Certification Workshop** Chair: Shoji Kato (Takanawa Dental Office)
※Japanese only available
「Procedures of new and renewal applications for the specialist qualification」
Shoji Kato (Takanawa Dental Office)
「On a training guideline for a specialist of Japan Society for Adhesive Dentistry」
Naotake Akimoto (Akimoto Dental Clinic)

9 : 00 ~ 16 : 10 **Poster Viewing** (1st floor 1st Meeting room)

9 : 00 ~ 16 : 10 **Exhibition** (1st floor & 2nd floor Hall & Foyer)

Day 3 6/5 (Sun)

Venue: 2nd floor Auditorium

Satellite Venue: 1st floor Small Auditorium

9 : 00 ~ 9 : 45 **Invited Lecture 6** Chair: Takatsugu Yamamoto (Turumi University)
「Evidence for Polymerization Contraction Stress Effects on Resin-Tooth Bonding」
Jack L. Ferracane (Oregon Health & Science University, USA)

9 : 45 ~ 10 : 00 Break Time

10 : 00 ~ 11 : 00 **Educational Lecture** Chair: Toru Nikaido (Congress president of The 41st JSAD/
Asahi University)
※ Japanese only available
「Benefits and problems of root canal filling and treatment of vertical root fracture by adhesion」
Tsutomu Sugaya (Department of Periodontology and Endodontology, Division of
Oral Health Science, Hokkaido University Faculty of Dental Medicine)

9 : 00 ~ 11 : 00 **Poster Viewing** (1st floor 1st Meeting room)

9 : 00 ~ 11 : 00 **Exhibition** (1st floor & 2nd floor Hall & Foyer)

11 : 00 ~ 11 : 50 **Poster Discussion** (1st floor 1st Meeting room)

11 : 50

Closing Ceremony