

Program Summary

**The 132nd Meeting of the
Japanese Society for Conservative Dentistry**

June 4-5, 2010
Kumamoto Civic Auditorium, Kumamoto International Center
Kumamoto, Japan



Chair: Professor Junji TAGAMI
Tokyo Medical and Dental University

www.jscd132.org

In this meeting, is held at two main halls namely, A Venue (1,2 F Sojo University Civic Hall), and B Venue (Kumamoto International House Hall). For details of the locations please refer to the next page.

Schedule of the Events

June 04 (Fri)

| | | | |
|---|---|------------------|-----------------|
| Opening remarks: | : | A Venue | (9:00 - 9:10) |
| Oral presentations A1 ~ 10 | : | A Venue | (9:10 - 11:00) |
| B1 ~ 10 | : | B Venue | (9:10 - 11:00) |
| Board meeting, general meeting & award ceremony | : | A Venue | (11:10 - 12:10) |
| Poster presentations P1~P77 | : | Poster Venue | (12:50 - 13:50) |
| Special lecture I | : | A Venue | (14:00 - 15:20) |
| Oral presentations A11 ~ 15 | : | A Venue | (15:30 - 16:20) |
| B11 ~ 15 | : | B Venue | (15:30 - 16:20) |
| Accredited workshops | : | A venue | (16:30 - 17:30) |
| Invited guest seminar | : | Seminar Venue | (16:30 - 17:30) |
| Company exhibition | : | Trade Exhibition | (10:00 - 16:00) |

June 05 (Sat)

| | | | |
|------------------------------------|---|------------------|-----------------|
| Oral presentations A16 ~ 25 | : | A Venue | (9:00 - 10:50) |
| B16 ~ 25 | : | B Venue | (9:00 - 10:50) |
| Symposium I | : | A Venue | (11:00 - 12:30) |
| Editorial committee meeting | : | B Venue | (12:40 - 13:40) |
| Symposium II | : | A Venue | (13:50 - 15:20) |
| Clinical problem solving (Seminar) | : | A Venue | (15:30 - 16:30) |
| Poster presentations P78~154 | : | Poster Venue | (15:30 - 16:30) |
| Company exhibition | : | Trade Exhibition | (9:00 - 15:00) |
| Closing ceremony | : | A Venue | (16:30 - 16:40) |

At all times:

Waiting room guest lecturer: Sojo University Civic Hall 2F Meeting Room 2

Members discussion room: Sojo University Civic Hall 2F Meeting Rooms 3 & 4

Cloak: Sojo University Civic Hall 1F Lobby, next to the main staircase

Meeting main office: Sojo University Civic Hall 2F Meeting Room 8

Reception and registration desks are located on the first floor of A Venue (main hall).

Pre-registered participants please proceed to reception upon arrival.

For on-site registration, fill out the form with your name and affiliation at the reception (on-site registration fee: 10,000 JPY).

Food is prohibited at 1F of A Venue (civic hall). There is no restriction on 2F and at B Venue (international centre).

Venues

1- Sojo University Kumamoto Civic Auditorium (Shimin Hall, Kumamoto)

Address: 1-3 Sakuramachi, Kumamoto City, Kumamoto, 860-0806

TEL 096-355-5235

2- Kumamoto City International Center

Address: 4-8 Hanabata-cho, Kumamoto, Kumamoto City, Kumamoto, 860-0806

TEL 096-359-2020

3- Hotel Nikko Kumamoto (hotel)

Address: 2-1 Kamitori-cho, Kumamoto-city, 860-8536, Japan

TEL FAX 096-211-1175



Map Link: <http://bit.ly/aUbeCu>

A 会場： 崇城大学市民ホール 1, 2F 大ホール

A venue: Sojo University Civic Hall 1,2F Main hall

B 会場： 熊本市国際交流会館 6F ホール

B venue: Kumamoto City International Centre 6F hall

ポスター会場： 崇城大学市民ホール 2F 第5～7, 9 会議室

Poster venue: Sojo University Civic Hall 2F conference rooms 5,6,7 & 9

セミナー会場： 熊本市国際交流会館 3F 第3 会議室

Seminar venue: Kumamoto City International Centre 3F conference room 3

企業展示会場： 崇城大学市民ホール 2F 大会議室

Trade exhibition: Sojo University Civic Hall 2F main conference room

Information for Presenters

For oral presenters...

◆ The oral presentation time is 8 minutes for ordinary conference abstracts. The question and discussion time is 2 minutes. Please follow the instructions given by the chair. You can use one projector for your oral presentation.

◆ Please bring your PowerPoint file on the presentation day (on CD-ROM or USB flash memory). You can preview the file using the designated PCs, available at the following date and times. For the oral presentations on the second day, it is possible to preview the presentation on the first day.

PC preview at both A Venue and B Venue: June 4 (Fri.) 8:30 to 16:30, June 05 (Sat.) 8:30 to 10:00

For poster presenters...

◆ The posters are displayed for two days at the Poster Venue on June 4 (Fri) and 5th (Sat).

◆ The size of poster panel is as in the image.

◆ A 20cm x 20cm space on the top-left corner must be designated for the presentation number.

◆ On the top right space (90cm x 20cm) please write your presentation title (as in the abstract) author names and affiliations. The subject must be in characters at least 4 sq. cm in size or larger.

Please mark the presenter name by a circle (O).

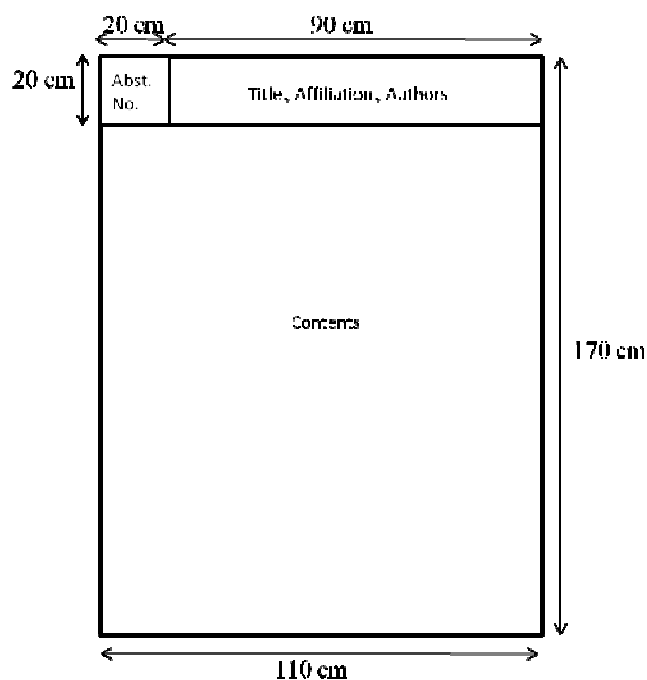
◆ Include the presenter's photograph in the blank space.

◆ Please print the content in a manner that one would be able to read from 3m distance. Use figures and tables to enhance the look and make your presentation easy to understand.

◆ Briefly include the purpose, materials and methods, results, discussion and conclusion (for case reports; introduction, cases, treatment course, prognosis, consideration, conclusion) .

◆ In order to install your poster, adhesive tapes will be provided by the organizer.

Feel free to insert a color background to enhance readability for the poster.



First Day, A Venue

Special Lectures

Date: Friday, June 4, 2010

Time: 2:00pm-3:20pm

A Venue (Sojo University Civic Hall 1,2F, main auditorium)

Session chair: Prof. Junji Tagami (Tokyo Medical & Dental University)

Special Lecture 1

Dilemmas and challenges in the clinical evaluation of restoration

Professor Nairn H. F. Wilson, CBE, FKC.

(King's College London Dental Institute, Guy's Hospital, London, UK)

Nairn Wilson is Professor of Restorative Dentistry and Dean and Head of the King's College London Dental Institute and Deputy Vice Principal (Health) King's College London. His many positions include Chairman of the UK Joint Committee for Specialist Training in Dentistry, Editor in Chief of the Quintessentials of Dental Practice Series, and Co-chairman of the Federation of European Heads and Deans of Dental Schools. His interests and special expertise encompass the regulation of dentistry, international trends in dental education, tooth-coloured restorative systems, applied dental materials science, clinical trial methodology, and the modern management of caries.



The clinical evaluation of restorations remains largely subjective, with the possibility of substantial variation in assessments made by different operators, both in clinical practice and in the conduct of clinical studies. Various systems and associated guidance of differing levels of sophistication and detail have been advocated for the evaluation of restorations, but none, to date have been shown to have the objectivity, sensitivity, specificity and ease of use which would bring about a much needed, substantial improvement in the quality, consistency and uniformity of decision making in respect of the clinical sufficiency of restorations.

Given the very considerable, worldwide consequences of the limitations of the present systems for the evaluation of restorations, renewed research efforts should be made to address the dilemmas and challenges in this fundamental aspect of Conservative Dentistry. Of these dilemmas and challenges, particular attention should be paid to better understanding the consequences of different types and the extent of cavomarginal defects and, most importantly, the seal afforded by different tooth/restoration interfaces in clinical service. With trends towards the refurbishment and repair, rather than the replacement of damaged and failing restorations, the need for accurate and reliable clinical evaluations of restorations is all the more pressing.

Indeed, it could be argued that the further development of Conservative Dentistry is dependent on innovations and development in respect of decision making in the clinical evaluation of restorations. Good decision making may be considered to be obtained by well trained operators working with diagnostic aids, notably magnification and good quality radiographs, in well illuminated, clean, dry fields. But such an approach could be considered to be flawed, in other than clear, unequivocal cases of failure, when there are considerable dilemmas and uncertainties in respect of the clinical significance of different forms and sizes of marginal defects and the presence of staining of different intensity and to varying extents in tooth/restoration interfaces. Among the many, varied challenges to improve the clinical evaluation of restorations is the generation of data sufficient to develop risk assessments of restoration deterioration and failure.

Above all else, there is a need to develop systems to predict when the clinical sufficiency of a restoration may be called in question and thereby provide an indication of when best to instigate preventive measures to protect the restoration from, in particular, irretrievable deterioration, if not frank failure.

Special Lecture 2

Conservative Dentistry in Europe: maintaining standards and quality

**Dr. Margaret A. Wilson, PhD, MDSc, BDS, FDS RCPS (Glas), FDS RCS (Eng), DDPH
(President, European Section, Academy of Operative Dentistry)**

Margaret Wilson is currently the President of the European Section of the Academy of Operative Dentistry. She was appointed to the post of Consultant in Restorative Dentistry with Central Manchester University NHS Trust in 1990. Dr Wilson has also been Director of the National Advice Centre for Postgraduate Dental Education since 2001. In addition she is the Kelsey Fry Advisor for the Faculty of Dental Surgery of the Royal College of Surgeons of England. Her clinical interests include management of: adult patients with severe erosion or attrition, patients with bleeding disorders and patients requiring treatment under sedation. In research she has contributed to the development of tooth coloured restorative materials.



The practice of Conservative Dentistry in Europe varies from the very traditional to ultramodern, but with distinct trends towards the ever increasing use of tooth coloured restorative materials. The numbers of direct restorations provided continues to greatly exceed the number of indirect restorations placed, with interests in minimally interventive dentistry greatly exceeding modern approaches to the provision of indirect restorations. Developments in implant dentistry may continue to effect changes in endodontic treatment planning, with, for example implants being considered to have a better prognosis than, in particular, endodontic retreatments, notably in multirooted teeth. At a time of great change, both in the clinical practice and teaching of Conservative Dentistry, there are considerable challenges in maintaining educational standards and quality in clinical outcomes. Trends to subsume departments of Conservative and Operative Dentistry into academic units of, for example, adult dental care are considered counterproductive, if not damaging to future standard and quality in Conservative Dentistry, as a principal element of the contemporary clinical practice of dentistry. Furthermore, the failure in most countries to develop a specific, let alone attractive career pathway for recent graduates with interests in Conservative Dentistry has resulted in a paucity of future teachers, researchers and, most importantly, outstanding leaders in the field.

To reverse trends which are weakening Conservative Dentistry internationally, it is considered important that national bodies with responsibilities for Conservative Dentistry are strong, united and effective, and work in collaboration with the disciplines only international organisation – the Academy of Operative Dentistry and, where appropriate its European Section. It is suggested that maintaining standards and quality in Conservative Dentistry is dependent on concerted efforts by national organisations, such as the Japanese Society for Conservative Dentistry, and much wider, more extensive international participation in the Academy of Operative Dentistry.

First Day, Seminar Venue

Invited International Geust Seminar

Date: Friday, June 4, 2010

Time: 4:30pm-5:30pm

Seminar Venue (Kumamoto International Center 4F, Conference room 3)

Session chair: Assoc. Prof. Masayuki Otsuki (Tokyo Medical & Dental University)

**Research priorities in Conservative Dentistry:
a programme for new researchers**

Nairn H. F. Wilson and Margaret A. Wilson

Abstract:

Conservative Dentistry has benefitted greatly from many important developments in recent times, but the introduction of new concepts, materials, devices and techniques has created new research priorities. This programme will provide an overview of these priorities, and give new researchers opportunity to discuss ways in which to address immediate and anticipated future challenges in the further development of Conservative Dentistry.

First day, A Venue

認定研修会

講演名：光干渉断層画像診断法の歯科保存臨床への応用

日 時：2010 年 6 月 4 日（金）16 時 30 分～17 時 30 分

会 場：A 会場（崇城大学市民ホール 1, 2F 大ホール）

座 長：勝海一郎 教授（日本歯科大学生命歯学部歯科保存学講座）

演 者：角 保徳 先生

（国立長寿医療研究センター病院 先端医療・機能回復診療部
口腔機能再建科）

Accredited Workshop

Date: Friday, June 4, 2010

Time: 4:30pm-5:30pm

A Venue (Sojo University Civic Hall 1,2 F, main auditorium)

Session chair: Prof. Ichiro Katsuumi (Nippon Dental University)

**Subject: Clinical application of Optical Coherence Tomography
for conservative dentistry**

Speaker: Prof. Yasunori Sumi (National Center for Geriatrics and
Gerontology)



Second Day, A Venue

シンポジウム I SYMPOSIUM I

演題名 「診療ガイドラインに基づいた臼歯部のう蝕治療」

日 時：平成 22 年 6 月 5 日（土） 11 時 00 分～12 時 30 分
会 場：A 会場（崇城大学市民ホール 1, 2F 大ホール）

座 長：桃井 保子 教授
(鶴見大学歯学部 第一歯科保存学講座)

Subject: Caries treatment for molar teeth based on clinical guidelines.

Date: Saturday, June 5, 2010

Time: 11:00am-12:30pm

A Venue (Sojo University Civic Hall 1,2 F, main hall)

Session chair: Prof. Yasuko Momoi (Tsurumi University)

講演 1：診療ガイドラインの潮流と Minds について

演 者：吉田 雅博 先生

(財団法人日本医療機能評価機構 EBM 医療情報部)

Lecture 1: Clinical guidelines trends and the MINDS

Speaker: Dr. Masahiro Yoshida (Japan Council for Quality Health Care)



講演 2：う蝕の除去と歯髄保護

演 者：畦森 雅子 先生

(九州大学大学院歯学研究院 歯内疾患制御学研究分野)

Lecture 2: Removal of the caries and pulp protection

Speaker: Dr. Masako Unemori (Kyushu University)



講演 3：臼歯部におけるコンポジットレジン の有用性について

演 者：久保 至誠 准教授

（長崎大学病院 臨床教育・研修センター）

Lecture 3: Application of composite resin for the posterior teeth

Speaker: Assoc. Prof. Shisei Kubo (Nagasaki University)



講演 4：う蝕治療ガイドラインの活用と改訂への提言 ―協働の視点から―

演 者：清村 正弥 先生

（熊本市開業）

Lecture 4:

A proposal for revision of the caries treatment guidelines- from the point of view of collaboration-

Speaker: Dr. Masaya Kiyomura (Kumamoto City Dental Practitioner)



シンポジウムⅡ SYMPOSIUM II

演題名 「インプラント時代のエンド・ペリオ」

日時：平成22年6月5日（土） 13時50分～15時20分

会場：A会場（崇城大学市民ホール 1, 2F 大ホール）

座長：和泉 雄一 教授

（東京医科歯科大学大学院医歯学総合研究科 生体硬組織再生学講座 歯周病学分野）

Subject: Endo-Perio in the Era of Implants

Date: Saturday, June 5, 2010

Time: 1:50pm-3:20pm

A Venue (Sojo University Civic Hall 1,2 F, main hall)

Session chair: Prof. Yuichi Izumi (Tokyo Medical and Dental University)

講演1：長期症例から診た抜歯基準への検討

演者：添島 義和 先生

（熊本市開業）

Lecture 1: Long-term investigation on the tooth extraction criteria

Speaker: Dr. Yoshikazu Soejima (Kumamoto City Dental Practitioner)



講演2：歯周病患者にインプラント治療を行う際の要点―歯周病学の立場から―

演者：東 克章 先生

（熊本市開業）

Lecture 2:

Implant treatment for patients with periodontal disease:

A periodontological point of view

Speaker: Dr. Katsuaki Higashi (Kumamoto City Dental Practitioner)



講演 3：症例の経過観察から見てきたこと

演 者：林 康博 先生
(熊本県菊池市開業)

Lecture 3: Lessons learned from clinical cases

Speaker: Dr. Yasuhiro Hayashi (Kikuchi City Dental Practitioner, Kumamoto Prefecture)



臨床家の疑問に答えるセミナー
Problem Solving Seminar for Clinicians' Questions

演題名 「機能水を活用した保存治療の新展開」

日 時：平成 22 年 6 月 5 日（土） 15 時 30 分～16 時 30 分

会 場：A 会場（崇城大学市民ホール 1, 2F 大ホール）

座 長：中村 幸生 教授

（明海大学歯学部 機能保存回復学講座 歯内療法学分野）

**Subject: Recent development in the application of functional water for
conservative treatments**

Date: Saturday, June 5, 2010

Time: 3:30pm-4:30pm

A Venue (Sojo University Civic Hall 1,2 F, main hall)

Session chair: Prof. Yukio Nakamura (Meikai University)

講演 1：機能水の歯科臨床応用の現状と注意点

演 者：小澤 寿子 先生

（鶴見大学歯学部 第二歯科保存学講座）



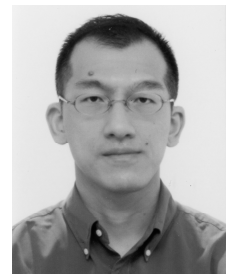
**Lecture 1: Current status and important points on the dental applications of
functional water**

Speaker: Dr. Toshiko Ozawa (Tsurumi University)

講演 2：中性機能電解水の歯周・う蝕治療への活用の可能性

演 者：竹内 康雄 先生

（東京医科歯科大学大学院医歯学総合研究科 生体硬組織再生学講座
歯周病学分野）



**Lecture 2: The potential of neutral electrolyzed functional water for the
treatment of caries and periodontal disease**

Speaker: Dr Yasuo Takeuchi (Tokyo Medical and Dental University)

講演 3： 次亜塩素酸電解水の歯内療法学分野での展望

—中性電解機能水の可能性を探る—

演 者：中村 裕子 先生

(明海大学歯学部 機能保存回復学講座 歯内療法学分野)

Lecture 3: Perspectives on the use of hypochlorite electrolyzed water in the field of endodontic

- Exploring the potential and features of neutral electrolyzed water

Speaker: Dr Yuuko Nakamura (Meikai University)

