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### Greetings from your ISOO President – Dr. Eduardo Fregnani

Dear colleagues,

It has been a busy and exciting few months as we concluded our ISOO Board Elections (see results below) and we made final preparations for our Annual General Meeting in Nara, Japan, which is only a few short weeks away.

Congratulations to the new Board, and see you all in Nara.

Thank you,  
Dr. Eduardo Fregnani  
President, ISOO

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## We Proudly Present Your New ISOO Board!

Thank you, to all the ISOO members who recently voted for our new ISOO Board. It was one of our highest turn outs ever.

We are excited to present our new ISOO board for 2023 to 2025 which continues a strong international presence:

**Eduardo Fregnani – Brazil**  
**Yarom Noam – Israel**  
**Alessandro Villa – USA**  
**Derek Smith – USA**  
**Kivanç Bektas Kayhan – Turkey**  
**Sophie Beaumont – Australia**

Thank you to our departing board members who have completed their final terms:

Paolo Bossi – Italy  
Siri Beier Jensen – Denmark  
Deborah Saunders – Canada  
Jonn Wu – Canada

The new board will begin their work in June 2023, with further updates to follow after the Annual General Meeting in Nara, Japan.

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## See you in Nara Japan – June 22-24, 2023!

We are only a short few weeks away from our exciting Annual General Meeting in Nara, Japan. Some highlights of our ISOO Scientific Program include:

**Thursday - June 22, 2023**

### **Interdisciplinary Management of Head and Neck Survivors: From Oral Health to Systemic Symptoms**

*Chaired by Dr Eduardo Fregnani (Brazi), Dr Derek Smith (USA)*

- Ms Holly McMillan (USA): From Diagnosis to Halitosis: the MD Anderson Approach to Multidisciplinary Supportive Care
- Dr René-Jean Bensadoun (France): Photobiomodulation for the Management of Late Side Effects of Head and Neck Cancer Treatments
- Dr Takao Uneo (Japan): Japanese Models of Care

**Friday - June 23, 2023**

### **Digital Medicine**

*Chaired by Dr Alessandro Villa (USA)*

- Dr Felipe Roitberg (Brazil): Supportive Care: Rethinking Innovation to Promote Equity
- Dr Antonie Eskander (Canada): Symptom Screening Predicts Emergency Department and Unplanned Hospitalization in Patients with Head and Neck Cancer

**Saturday - June 24, 2023**

### **Head & Neck Survivorship**

*Chaired by Dr Jonn Wu (Canada)*

- Dr Patrick Ha (USA): Robotic Oropharyngeal Surgery
- Dr Michael Brennan (USA): Gene Therapy for the Treatment of Radiation-Induced Xerostomia

Additional Sessions Supported by the ISOO/MASCC Oral Care Study Group:

**Thursday - June 22, 2023**

### **More Than Just Mucositis: Systemic Consequences of Mucositis, from Cachexia to Fatigue. Is it a Systemic Inflammatory Syndrome?**

*Chaired by Prof Tateaki Naito (Japan), Dr Hannah Wardill (Australia)*

- Prof Leorey Saligan (United Kingdom): Mechanistic Insight into a Common Systemic Inflammatory Syndrome
- Prof Nicole Blijlevens (the Netherlands): Systemic Inflammatory Syndrome in the Clinic: How and Why You Should Consider Interacting Symptoms When Caring for Patients

Friday - June 23, 2023

### Neuropathic Pain

*Chaired by Dr Paola Alberti (Italy), Prof Sharon Elad (USA)*

- Assoc Prof Susanna Park (Australia): Neuropathic Pain in Cancer Patients and its Treatments
- Assoc Prof Reem Hanna (United Kingdom): Oral Neuropathic Pain – Advances in its Management and the Promise of PBM

Saturday - June 24, 2023

### Oral and Cutaneous Complications of Immunotherapy: Advances in Treatment and Prediction

*Chaired by Prof Sharon Elad (USA), Dr Satoshi Hirakawa (Japan)*

- Prof Joel Epstein (USA): Oral Complications of Immunotherapy – Current and Future Perspectives
- Assoc Prof Yoshinobu Kano (Japan): A Potential Role of Artificial Intelligence in Mucosal and/or Cutaneous Adverse Events by Immune Checkpoint Inhibitors for Cancer Patients

## ISOO at the American Academy of Oral Medicine (AAOM)

ISOO had a big presence at this year's American Academy of Oral Medicine in Savannah Georgia. We had our first ever MASCC/ISOO booth at the 2023 annual meeting where board members were present to speak to attendees and showcase some of the exciting and clinically relevant activities we are involved with. This included examples of papers and educational handouts we have produced. The ISOO and OCSG representatives were excited to see the interest of many attendees in MASCC/ISOO activities and their intention to attend the 2023 Nara meeting.

Thank you to Drs. Naom Yarom, Alessandro Villa and Sharon Elad for representing us at the booth!



We would also like to congratulate ISOO members who presented recently at the AAOM in Savannah Georgia. Some of the highlights included:

Jonathan Ship Lecture: Gene Therapy for Radiation-induced Salivary Gland Hypofunction  
Faculty: Mike Brennan, DDS, MHS

Plenary I: Science, No Longer Fiction: Big Data and Artificial Intelligence in Oral Medicine  
Faculty: Derek K. Smith DDS, MPH, PhD, Stephen T. Sonis, DMD, DMSc, Glenn Clark, DDS, MS

Clinical Use of Photobiomodulation for the Prevention and Treatment of Oral Mucositis: The Real-life Experience of MASCC/ISOO Members  
Oral Presentation, Sharon Elad



Lastly, many ISOO members who are part of the Mucositis Study Group presented its study at the 2023 annual meeting of the American Academy of Oral Medicine (AAOM). The project was based on the MSG Quick Poll that was launched back on 2020, and is entitled "Clinical use of photobiomodulation for the prevention and treatment of oral mucositis: The real-life experience of MASCC/ISOO members".

The MSG members that participated in this project, who are also OCSG members, included Ragda Abdalla-Aslan, Yehuda Zadik, Orna Intrator, Elena Bardellini, Karis Kin Fong Cheng, Paolo Bossi, Noam Yarom, and Sharon Elad, and the cover slide acknowledged the entire Mucositis Study Group of MASCC/ISOO. The presentation was delivered by Sharon Elad.

It is exciting to see a MSG original study, which is based on data that is unique to the MSG members.

## Oral Care Study Group (OCSG) – Update From Dr. Sharon Elad

The Oral Care Study Group prepared a rich program for the 2023 MASCC/ISOO annual meeting in Nara 2023:

### 1. Neuropathic pain

- Day 2 of the conference - Friday June 23, 2023 at 13:30-15:00 local time
- Presented jointly with the Neurologic Complications SG
- It will be held in Room 204, 2nd Floor

The program will provide a general overview about neuropathic pain in cancer patients, as well as a dedicated talk to oral neuropathy and its management. An interesting focus

of this latter talk will be the use of photobiomodulation therapy for oral neuropathy. These invited talks will be followed by 3 proffered papers based on the top rated abstract-submitted.

2. **Immunotherapy related oral and cutaneous complications**

- Day 3 of the conference - Saturday June 24, 2023 at 10:45-12:15 local time
- Presented jointly with the Oncodermatology SG.
- It will be held in Room 204, 2nd Floor

The program will include a presentation about the most recent knowledge on oral complications of immunotherapy, and a talk about the potential role of artificial intelligence in mucosal and/or cutaneous adverse events by immune checkpoint inhibitors for cancer patients. These invited talks will be followed by 3 proffered papers based on the top rated abstract-submitted.

3. In addition, you will find us at the **Oral Care E-Poster session:**

- Day 2 of the conference - Friday June 23, 2023, 15:30 - 17:00
- E-Poster Stage 2, Convention Hall C, 1st Floor

The posters will be available for viewing when the Exhibition Hall will open – Friday, June 23, 2023 at 0845 am. The dedicated Stage time at 1530-1700 will include a series of short oral presentations, and an opportunity to meet the poster presenters.

4. **OCSG Business Meeting at 2023 annual meeting**

- It will be held in Room 204, 2nd Floor
- Day 3 of the conference - On Saturday, June 24, 2023, 0730 am.

The OCSG Business Meeting is our main group meeting in which we will discuss the ongoing group projects as well as the plan for next year. Thanks to the wonderful work of the OCSG members, there is a lot to share with everyone.

Please join us at these scientific sessions and business meeting!

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## Meet a New ISOO Member: Dr. Charlotte Duch Lynggaard, MD PhD



Please welcome a new member to our group, Dr. Charlotte Duch Lynggaard.

Dr. Lynggaard has a PhD in Translational Clinical trials with Mesenchymal stem cells for radiation-induced salivary gland hypofunction and xerostomia. She is a member of MASCC and ISOO. She is grateful for being part of the Oral Care Study Group and for getting the opportunity to co-chair the systematic review for the upcoming ISOO/MASCC/ASCO guideline for osteoradionecrosis of the jaws. In her spare time, she enjoys spending time with her two sons and husband and staying active with yoga and sports.

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## ISOO Social Media Update – Dr. Julia Bruno

twitter: @isooworld  
instagram: @isoo.world  
#isoo23

Connect with us during the  
MASCC/JASCC/ISOO Annual Meeting 2023.

Our social networks are @isoo.world on  
Instagram and @isooworld on Twitter.

We are constantly engaging with our  
members and sharing information from our  
society!



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## Update from Dr. Rajesh Lalla, on behalf of the OraRad Study Team - - Tooth-level Predictors of Tooth Loss and Exposed Bone after Radiation Therapy for Head and Neck Cancer

The OraRad Study Team has just published tooth-level risk factors that can be used during the pre-radiation dental assessment to predict the risk of tooth loss and exposed bone at that specific site after radiation therapy (RT) for head and neck cancer.

An important finding of the study is that leaving a hopeless tooth in place was the strongest predictor of tooth loss and exposed bone at that specific site within two years after RT.

Leaving a hopeless tooth in place was associated with a 6.4 fold higher risk of developing exposed bone at that site as compared to extracting such teeth prior to RT. Approximately one-third of exposed bone lesions recorded during the two years after RT occurred at the site of a dental extraction done as part of pre-RT dental management. Participants with exposed bone at the site of a pre-RT dental extraction averaged 19.6 days between extraction and start of RT compared with 26.2 days for participants without exposed bone. Other findings of the study include risk ratios for tooth failure and exposed bone based on pre-RT characteristics of individual teeth including untreated caries, pocket depth, furcation involvement, gingival recession, and tooth mobility.

These findings are published in the June 2023 issue of the Journal of the American Dental Association. The citation is below:

Lalla RV, Hodges JS, Treister NS, Sollecito TP, Schmidt BL, Patton LL, Lin A, Brennan MT. Tooth-level Predictors of Tooth Loss and Exposed Bone after Radiation Therapy for Head and Neck Cancer. Journal of the American Dental Association. 154(6):519-528, 2023.

Until 13 July 2023 only, this article can be freely accessed using the link below, provided by the publisher for dissemination within the scientific community:

The OraRad study is a multicenter prospective observational cohort study, that recruited 572 participants across six clinical sites in the USA. The study is funded by the US National Institute of Dental and Craniofacial Research (NIDCR) through grant number U01DE022939 (Program Officer Dr. Dena Fischer).

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## Interesting Articles from ISOO Members

[Photobiomodulation therapy in management of cancer therapy-induced side effects: WALT position paper 2022](#)

Our members participated in the latest WALT Position Paper 2022. This position paper reviews the potential prophylactic and therapeutic effects of photobiomodulation (PBM) on the side effects of cancer therapy, including chemotherapy (CT), radiation therapy (RT), and hematopoietic stem cell transplantation (HSCT).

[Oral health-related quality of life after radiation therapy for head and neck cancer: the OraRad study](#)

In the last published article of the OraRad Study, the toxicities that most impact the patient's quality of life after treatment for head and neck cancer were evaluated. Toxicities with the greatest impact on quality of life at 24 months included: dry mouth, sticky saliva, and sensory difficulties.

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## Fellowships

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