

## **Symposium Proposal – IADR Bogotá 2023 - Education**

**Title:** Promoting and Implementing Special Care Dentistry (SCD) in the curricula

### **Description:**

Despite major technical advances that led to improved quality of dental treatment and improved ability to maintain oral function and aesthetics over the life span, there is still massive inequality in access to and provision of oral health care for people with disabilities. Bridging the gap between these patients and the dental profession would only be possible if a dental student is exposed to these situations and contents during the learning process that leads to graduation. Dental students must allay their fears in relation to interaction with this population and demonstrate the academic gain that can be achieved. Dentists are also uniquely able to access expertise in speech and language therapy and other allied professions. This expertise should be integrated into academic dentistry in order to raise quality of care for all patients.

The International Association for Disability and Oral Health (iADH) has completed the development of undergraduate curriculum guidance in SCD through a consensus process. The curriculum in SCD is defined in statements of learning outcomes with many of the skills being transferable across the undergraduate course (Dougall et al, 2014).

The aim of this symposia is to present the iADH SCD curricula and how this has been implemented and evaluated by early adopters around the world through case study presentations. From the lessons learnt we will also present strategy on how the SCD curricula may be implemented in your own school using a customized approach allowing the possibility of a phased introduction to facilitate uptake and impact. Interactive discussion and engagement will be made between global and regional organizations to see how the SCD curricula can be promoted and implemented around the world with considerations how a SCD MOOC could be used to facilitate this.

### **Learning objectives**

1. To understand the principles and practice of SCD curricula as designed by IADH
2. To learn from and understand the impact of case studies of the implementation of the SCD curricula by early adopters
3. To consider customization and strategy for implementation of SCD into your curricula.
4. To explore strategies to promote and implement SCD globally

### **Symposia outline / Participants / Potential Speakers**

**Organizer:** Prof. Michael Botelho

**Chair:** Gustavo Molina

- Introduction to SCD curricula – 20-mins **Alison Dougall**
- Case studies of SCD implementation 2/3 – 20-30 - - domains of evaluation – curriculum implementation/integration, student impact, teacher impact, patient impact. **Jacobo Limeres Posse**

- Strategy for customization for implementation - Implementation tool kit - 15 mins - **Michael Botelho**
- Promotion globally – networking – what next. Dissemination 10 mins **Mas Suryailis**

**Keywords:** Undergraduate Curricula, Special Care Dentistry, Scientific Evidence, Clinical Innovation

### **Short CV of the participants**

Professor Michael Botelho is from Restorative Dental Sciences at the University of Hong Kong. He has been involved with educational research for over 25 years and in education, he has lectured, consulted and examined across South East Asia, Japan, Europe and the USA. He has published extensively in education research and has interests in PBL, student centred learning, use of video for clinical skills performance and “*Manages How*”. He is currently President elect of the Educational Research Group of the IADR, an Associate Editor for the EJDE and on the executive of ADEE.

Dr. Gustavo Molina has been Chair Professor in Dental Materials Sciences (2009-2022) and Chair Professor in Special Care Dentistry (2018-2022) at the Dental School, Faculty of Health Sciences, Universidad Católica de Córdoba (Argentina). He has also been Associate Professor in Dental Materials Sciences (2005-2022) at The Faculty of Dentistry, Universidad Nacional de Córdoba (Argentina) and currently working as a Clinical Practitioner in Cariology, Faculty of Dentistry at the University of Hong Kong. He is the former Director of the Dental School, Faculty of Health Sciences, Universidad Católica de Córdoba (2013-2016). He holds two PhD’s and a number of peer reviewed publications He is the president of the International Association for Disability and Oral Health (iADH 2022-2024). He has more than 30 years of experience in providing a full range of care for people with disabilities.

Professor Alison Dougall is Head of Department of Child and Dental Public Health at Dublin Dental University Hospital and Director of the Clinical Doctorate Training Programme in Special Care Dentistry at Trinity College Dublin. As past president of iADH and former chair of the iADH education committee she led the international expert group from iADH who produced consensus guidelines for education and training at undergraduate and postgraduate levels. She has taught SCD to undergrads and postgraduate in Dental Science, Dental Nursing and Dental Hygiene for over 25 years and she is a keen advocate working to improve quality of care for people with disabilities through training of the workforce throughout their professional career with clinical and academic staff trained and qualified to teach Disability and Oral Health across the whole curriculum.

Professor Jacobo Limeres Posse graduated in Dentistry at the Santiago de Compostela University (USC) in Spain, gaining his PhD degree afterwards. He was the Director of the Stomatology Department, and the Vice-dean of Dental Studies in the School of Medicine and Dentistry. During the last two years he has been the Vice-chancellor for Quality of the USC. He coordinates the “Program for Dental care of severely handicapped patients” developed in the Special Needs Unit of the USC in collaboration with the Galician Healthcare Service. He is also co-director of the Postgraduate course “Master in Dentistry for Medically compromised patients” at the USC. Jacobo was the President of the Spanish Society of Special Care Dentistry

between 2013 and 2017. He has published numerous scientific publications about SCD.

## **References**

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Holzinger A, Lettner S, Franz A. Attitudes of dental students towards patients with special healthcare needs: Can they be improved? *Eur J Dent Educ.* 2020 May;24(2):243-251. doi: 10.1111/eje.12490. Epub 2020 Jan 3. PMID: 31845452; PMCID: PMC7328724.