

## Program at a glance

*The full program will be uploaded soon!*



### Wednesday September 5th

#### **Workshop:**

A Call For A New Paradigm for Infant & Pediatric Intervention In Myofunctional Therapy:  
A Precision Medicine Workshop for Providing Clinicians The Ability to Work With Allied Health Professional Leaders and Their Peers To Identify A New Foundation For Individualized Treatment In Infant and Pediatric Orofacial Myofunctional Disorders. Presentations include: frenulum inspection, frenulum surgery, from neo-natal intensive care until primary dentition, with real world challenges to advance precision medicine in infant and pediatric orofacial myofunctional therapy (OMT) treatment protocols, research, quality assurance and safety. Emphasis will be on strategic initiatives, calls for novel allied health approaches, and proposals for new therapeutic protocols in an interactive workshop format.

#### **Faculty:**

**Marc Richard Moeller (Moderator):** The Precision Medicine Initiative and Myofunctional Therapy

**Michelle Price Emanuel:** Neuroplasticity, Embryology and Movement

**Gina Weissman:** Lactation Consulting

**Eyal Botzer:** Frenulum Surgery

**Roberta Martinelli:** Frenulum Inspection, Infants

**Irene Marchesan:** Frenulum Inspection, Toddlers-Adolescents

**Nicole Archambault:** Change for School Based Screening

**Kevin Boyd:** Pediatric Dental Intervention

**Patrick Fellus:** Pediatric Orthodontic Intervention

**Daniel KK Ng:** Infant and Pediatric Sleep Intervention

**Maria Pia Villa:** Infant and Pediatric Sleep Intervention

### Thursday September 6th

#### **Workshops:**

**Steven Lin & Samantha Weaver-** (9 am-1:15 pm) Integrating Nutritional & Myofunctional Therapy into Sleep Medicine

**Sharon Moore-** (2 pm-4 pm) Good sleep by design: a paediatric sleep literacy guide for professionals and parents

**Esther Bianchini-** (9 am-12:15 pm) Orofacial pain and Orofacial Myofunctional Therapy: Resources of Surface Electromyography in a functional approach

**Gianluca Depriori & Lorenzo Freschi-** (9 am-1:15 pm) Workshop on Fascial Manipulation

**Sharon Keenan-** Workshop (9 am-1:15 pm) Optimizing Health by Prioritizing Sleep; Normal Sleep, Sleep Disorders and the Wisdom to Know the Difference

### Friday September 7th

#### **Morning:**

**Maria Pia Villa:** Oropharyngeal exercises: modification of stomatognathic system.

**Paola Pirelli:** Rapid Maxillary Expansion in the Therapy of OSAS in Children

**Antonella Polimeni:** Moss' Theory and Myofunctional Therapy

**Ludovico Messineo:** Breath-holds and loop gain: a possible link between obstructive sleep apnea phenotyping and myofunctional therapy?

**Maria Meija Guerrero:** Biofeedback Intervention in Disorders of Temporomandibular Joint (TMJD)

**Yue Weng Cheu:** Linguadontics - Understanding the Neurological Basis of Myofunctional Therapy

**Athanasios Zavas:** Team-based Pediatric Dental Practice to Address Dental Disparities: The Need for Myofunctional Therapy

**Victor Abdullah:** Incorporation of Oromyofunctional Therapy in a Surgical Protocol in Hong Kong

**Steven Lin:** The Big Bang of Craniofacial Growth: Functional Nutrition & Myofunctional Therapy

**Triin Jagomagi:** Interdisciplinary approaches in the treatment of orofacial myofunctional disorders – an orthodontist view.

**Miho Imamura:** Functional orthodontic approach with upper jaw expansion & MFT helps for the mouth breather

**Corinne Thery:** Oropharyngeal development: Craniofacial structure, posture and dento-facial orthopedics

**Michele Price Emanuel:** Pharyngeal Plexus: Where embryology, movement and oral function meet

**Thierry Gouzlan:** Contribution of Orofacial Myofunctional Therapy in an Orthognathic Surgery Team

**Sharon Moore:**

*-(Poster/oral presentation)* Sleep Literacy for Parents: A paediatric ‘sleep formula’ and ‘red flag system’

-Sleep disorders and disordered sleep: getting them onto the professional and public radar

**Esther Bianchini:** Interdisciplinary approach in Obstructive Sleep Apnea (OSA): effects of Orofacial Myofunctional Therapy (OMT) for Orthognathic surgery rehabilitation

### **Afternoon:**

**Florence Sekito:** Outcomes of the Stecco Fascial Manipulation Method in the reduction of Orofacial pain and Temporomandibular disorders.

**Steve Carstensen:** The troublesome connection between TMJ, other chronic pain, and airway health

**Cris Simmons:** Clinical application of an innovative Maxillary Growth stimulating device.

**Timothy Bromage:** Functional matrices of the craniofacial complex are Historically contingent upon people chewing and breathing hard, neither of which they are very good at: Dental orthopedics saving us from ourselves

**Heidi VanRavenhorst-Bell:** Clarity: A Wireless Orofacial Myofunctional Imaging and Pressure Appliance

**James Bronson:** A Functional/Physiologic approach to Sleep Disorder Breathing in Children

**Thierry Gouzlan:** The impressive power of chewing : from facial growth to obesity

**Daniel Ng:** Mouth Breathing in Children with SDB

**Regina Leung:** Breathing Re-education Program for Asthmatic Children with Dysfunctional Breathing

**Brigitte Fung:** Mouth Breathing and Abnormal Posture in Childhood Sub-Health

**Rosalba Courtney:** Functional Breathing Retraining for Sleep Apnea Phenotypes- Learning from Precision Medicine

**Min-Keung Song:** *(Poster/oral presentation)* Evaluation of Swallowing Function in Obstructive Sleep Apnea Patients-A preliminary study

**Sanda Valcu-Pinkerton:** *(Poster/oral presentation)* The impact of the post-frenectomy wound healing process on myofunctional therapy

**Yang Hyung Chae:** Epiglottis collapse and obstructive sleep apnea - Preliminary study -  
**Lin-In Lim (Poster only: 4:45 pm, 15 min)** Tongue Crib appliance with Myofunctional Therapy for patients with hyperdivergent skeletal pattern and open bite

### Saturday September 8th

#### Morning:

**Vasasiri Tantrakul:** Sleep disordered breathing during pregnancy: current evidence for diagnosis and treatment.

**Farhan Shah:** Soft palate muscles, nerves, and pharyngeal swallowing function in snoring and sleep apnea subjects

**Esther Bianchini & Miguel Meira e Cruz:** Impact of functional management on neurocardiogenic coupling- mediated cardiovascular risk of common sleep disturbances

**Audrey Yoon:** Role of orthodontic intervention and MFT in OSA: from infant to adult

**Virginia Johnson:** Bone Morphology as the "Footprints of a Living Anatomy": How Motion Shapes the Oral-Pharyngeal Space

**Fabio Scoppa:** (*Poster/oral presentation*)-Tongue posture, swallowing and Cerebral areas activation: a functional magnetic resonance imaging study

**Giuseppa Messina:** (*Poster/oral presentation*)- Changes on facial muscles strength in children aged 6-11 years with dysfunctional swallowing

**Roberta Martinelli:** The Neonatal Tongue Screening Test: 4 years of Federal Law in Brazil

**Giovanni Olivi & M. Daniela Genovese:** Short lingual frenum and posture modifications in children, youth and adults

**Soroush Zaghi:** Lingual frenuloplasty with myofunctional therapy: Experience with 350 cases validating an indication of tongue-tie release for mouth breathing, sleep-disordered breathing, and craniofacial pain.

**Gina Weissman:** A case for clipping, a case for waiting: Difficult decisions in clinic

**Kevin Boyd:**

-Getting to Scale: the need for novel approaches to screening, evaluation, and treatment of mouth breathing

-Tongue, Skulls and Sleep: An Evolutionary Perspective on Orofacial Myofunctional Therapy

**Carlos Torre:** Nasal Obstruction From a Developmental and Evolutionary Perspective

**Patrick McKeown & James Metz:** Beyond CPAP and AHI, the Restoration of Health

#### Afternoon:

**Venkata Koka:** Structural and functional changes in pharyngeal soft tissues in OSA

**Melania Evangelisti:** Lingual Frenulum evaluation in children with and without sleep disordered breathing.

**Van Thai Nguyen:** Changes in the palatal dimensions and structural airway in sleep apnea patients

**Fabio Scoppa:** Glosso-postural syndrome. The relation between tongue position and postural balance

**Giuseppe Messina:** The role of the tongue muscles in the stomatognathic biomechanics: The Tongue, Mandible, Hyoid System

**Min Zhu:** Obstructive sleep apnea and hypopnea syndrome in children- view from an orthodontist

**Emanuela Favetti & Renauld X. Dejean:** Global Orthodontics Approach: a local act for a global impact.

**Nicole Archambault:** Breathing is 24/7: The SLP's Role in the Identification of Airway Function Disorders

**Patric Fellus:** From suction deglutition to swallowing deglutition through cortical or subcortical networks

**Eyal Botzer:** Restricted lingual frenum-surgery and management.

**Luis Ruiz-Guzman:**

-Benefits of Implementing an Ambulatory Intervention Unit of Ankyloglossia in Primary Care

-Comparative study of diagnostic methods of ankyloglossia in the infant

-Project: Logopedic Evaluation of Laser Frenectomy in the Treatment of Ankyloglossia in pediatric age

**Irene Marchesan:** The interference of tongue-tie with speech

**Sharon Moore:** Chew chew chew: why and how

**Joy Moeller:** Myofunctional Therapy: An Essential Part of All Aspects of Dentistry

**Diana Grandi:** The inclusion of Myofunctional Therapy in the OSA care team and adherence to treatment.

### Sunday September 9th

#### Morning:

**Cinzia Castronovo:** Cognitive Behavioral Therapy in sleep medicine

**Marisa Santos:** Treating children earlier

**Paul Ehrlich & Sandra Kahn:** Evolution and the jaws epidemics

**Patrick McKeown:** Restoring nasal and functional diaphragmatic breathing in the treatment of sleep apnea

**Eliana Rivera:** Oropharyngeal Exercises More Effective in the Treatment of Obstructive Sleep Apnea, Based on Evidence.

**Heriberto Rangel:** Sleep Disorders in University Students: A Look from Speech and Language Pathology

**Reza Movahed:** Intricacies in Surgical Management of Obstructive Sleep Apnea Patients

**Andres Köster & Risto Vaikjärvi :** Orofacial myofunctional therapy for treatment of voice disorders

**Marco A Da Silva:** Masticatory function: assessment possibilities and connection with temporomandibular disorders

**Sabina Saccomanno:** Proper chewing as choking prevention

**Anastasia Vasilieou:** Poster-When Greek philosophy meets science: an ancient model to proper eating and wellbeing

**Almiro Machado Junior:** Facial orthopedic treatments and myofunctional therapy in pediatric patients with obstructive sleep apnea: current and future perspectives.

**William Hang:** Journey From Non-Believer to Outspoken Advocate of Myofunctional Therapy

**Derek Mahony:** The crucial role of orthodontics in the multidisciplinary treatment of pediatric OSAS

#### Afternoon:

#### Symposium and Panel Discussion

**Marc Moeller (Moderator):** Expanding applications of myofunctional therapy in sleep disordered breathing (SDB)

**Maria Pia Villa**

**Daniel Ng**

**Athanasios Zavras**

**Candy Sparks:** Class II Malocclusion and Breathing Deprivation: A Case Study from the Point of View of a Patient's Family

**James Beddows:** How Adjacent Innovation May Enable Myofunctional Therapy As A Disruptive Force In Health Care

## Monday September 10th

### Workshops:

**Patrick McKeown & James Metz-** (9am-5:15 pm) Practical approaches to addressing breathing pattern disorders in obstructive sleep apnoea

**William Hang, Reza Movahed & Joy Moeller-** (9 am-5:15 pm) Effective Interdisciplinary Treatment For Airway/Breathing Disorders For Patients Of All Ages

**Cinzia V Castronovo & Samantha Weaver-** (9 am-1:15 pm) The Role of Cognitive Behavioral Therapy for Enhancing Myofunctional Therapy Results in Sleep Disordered Breathing Patient Populations

### Satellite symposium

#### Posters (*available Friday to Sunday*)

##### Presenting authors

**Fabio Scoppa, MD, Giuseppe Messina, MD, Antonio Oliveri, MD, Alessio Pirino, MD**  
Tongue posture, swallowing and Cerebral areas activation: a functional magnetic resonance imaging study

**Messina G, MD, Giustino V, MD Malandrino A, MD, Pirino A, MD, Muggeo VMR, MD, Scoppa F, MD.**  
Changes on facial muscles strength in children aged 6-11 years with dysfunctional swallowing

**Sanda Valcu-Pinkerton, RDH, OMT**  
The impact on therapy of the wound healing process post-frenectomy

**Sharon Moore, BS, SLP**  
Sleep Literacy for Parents: A paediatric 'sleep formula' and 'red flag system'

**Min-Keun Song, MD, Pyeng-Yop Kim, MS, Dong Hoon Lee, MD, PhD**  
Evaluation of Swallowing Function in Obstructive Sleep Apnea Patients-A Preliminary Study -

**Lin-In Lim, DDS, Hyo-Won Ahn, Su-Jung Kim, Kyung-A Kim, Keun-Ha Lee**  
Tongue Crib appliance with Myofunctional Therapy for patients with hyperdivergent skeletal pattern and open bite (**Poster only**)

**Anastasia Vasilieou, DDS**  
When Greek Philosophy Meets Science: An Ancient Model to Proper Eating and Wellbeing