



# INTERDISCIPLINARY MANAGEMENT OF VELOPHARYNGEAL DYSFUNCTION IN CLEFT LIP AND PALATE PATIENTS

## INTERNATIONAL COURSE

20<sup>th</sup>, 21<sup>st</sup> and 22<sup>nd</sup> February 2020

### Internacional speakers:

Prof. Maria Ines Pegoraro-Krook, **Brasil**

Dr. Homero Aferri, **Brasil**

Prof. Marco Aurelio Lopes Gamborgi, **Brasil**

Prof. Lun-Jou Lo, **Taiwan**

Lic. Gareth Davies, **UK**

Prof. Martin Persson, **Sweden**

### Organised by:

Paediatric Maxillofacial Surgery Unit  
Oral and Maxillofacial Surgery Department  
**Vall d'Hebron University Hospital, BARCELONA**

# Presentation

## ORGANIZED BY

Pediatric Maxillofacial Surgery Unit  
Oral and Maxillofacial Surgery  
Department.  
Vall d'Hebron University Hospital

## DIRECTION AND COORDINATOR

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Lic. Esther Vallés, Speech therapist  
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Physical Medicine and Rehabilitation  
Service.  
Vall d'Hebron University Hospital

## SPONSORIZED BY



## ADDRESSED TO:

The course is intended for professionals involved in the treatment of patients with Cleft Lip and Palate (CLP). Specialists in Maxillofacial Surgery, Plastic Surgery, Otolaryngology, Pediatric Surgery, Odontology (Odontopediatrics – Orthodontics – Prosthodontics) and Speech Therapy are invited to apply.

## COURSE AIMS:

Provide the required knowledge to prevent, diagnose and establish a treatment plan for patients with CLP and Velopharyngeal Dysfunction (VPD).

## COURSE DESCRIPTION:

A 3-day course that will provide keys for an interdisciplinary approach to prevent, diagnose and treat VPD in patients with cleft lip and palate.

The course will introduce the protocols used by well-renowned schools in craniofacial surgery from Taiwan and Brazil. Highly skilled, world-renowned experts in VPD and cleft lip and palate will share their expertise with course attendants, and participate in discussion sessions and panels covering a wide range of clinical cases.

Content will be provided through live surgeries, conferences, seminars, discussions and audiovisual presentations. Technical details for diagnostic and therapeutic procedures will include pictures and videos as support material. An optional speech prostheses workshop will be held on the 1st day, for a limited number of participants only.

After finishing the course, participants will be able to establish a VPD prevention – diagnosis – treatment plan in cleft patients, from an interdisciplinary point of view.

## Live Surgery

8:30 - 9:00 **Registration**

9:00 - 11:00

### **Live Surgery: Primary Palatoplasty**

Prof. LJ Lo - Chang Gung Memorial Hospital, Taiwan

11:00 - 12:00

### **Coffee with the experts**

12:00 - 14:00

### **Live Surgery: Primary Palatoplasty**

Prof. MA Gamborgi - Hospital Do Trabalhador, Brasil

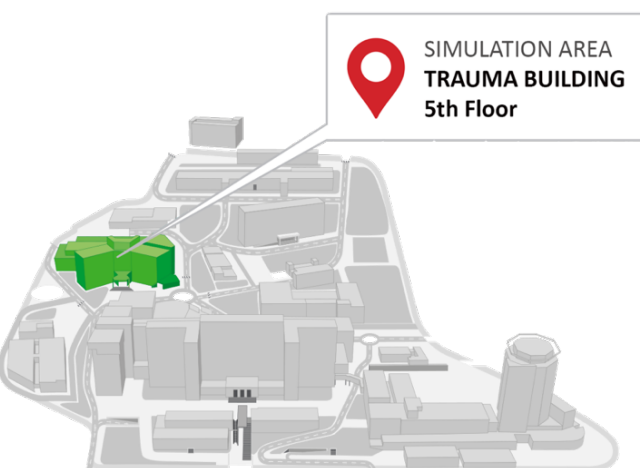
20:00 - 22:00

### **Cocktail**

## Venue

Simulation Area. Hospital de Traumatologia, Rehabilitació i Cremats Vall d'Hebron Barcelona Hospital Campus

Pg. de la Vall d'Hebron, 119-129, 08035 Barcelona (Spain)



## Palatal prosthesis Workshop

8:30 - 9:00 **Registration**

9:00 - 10:30 **Theoretical**

Velopharyngeal dysfunction: Clinical and instrumental evaluation of DVF.

Treatment approaches & philosophies of and rehabilitation with palatal prostheses.

Indications and contraindications of palatal prostheses

Reflection on the prognosis and the cost-benefit ratio in cases of velopharyngeal insufficiency.

10:30 - 11:00 **Coffee Break**

11:00 - 12:00 **Theoretical**

Discussion of clinical cases

12:00 - 14:30 **Theoretical / practical**

Phonoaudiological and dental evaluation of patients with indication of palatal prostheses.

Prosthesis manufacturing (Molding of the anterior portion, intermediate portion and pre-bulb).

Molding of the pharyngeal bulb during nasoendoscopy (fiber optic insertion technique to optimize the visualization of the movements of the velopharyngeal structures and diagnostic therapy, modifications and adjustments of the pharyngeal bulb)

14:30 - 15:30 **Lunch**

15:30 - 18:00 **Practical training (hands on)**

Techniques for the manufacturing of palatal prostheses: Integration between the speech therapist and the dentist (from the dental chair to the nasoendoscopy examination).

Intensive speech therapy program for the rehabilitation of

patients with IVF, together with the use of palatal prostheses: intervention techniques and strategies.

20:00 - 22:00 **Cocktail**

# Programme

## Friday, 21st February 2020

9:00 - 09:30 **Registration**

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9:30 - 10:00 **Welcome and Introduction**  
**Dra. Munill / Dra. Velasco / Dra. Bohórquez / Dr. Sierra**

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### Surgical techniques for primary Palatoplasty

10:00 - 11:00 **Hospital do Trabalhador Protocol for Primary Palate Repair.**  
**Prof. M.A. Lopes Gamborgi. Hospital do Trabalhador, Brasil**

- Intravelar veloplasty: description, Tips / Pitfalls
- How to prevent VPD
- Palatoplasty modifications adapted to cleft severity

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11:00 -12:00 **Chang Gung Craniofacial Center Protocol for primary palate repair.**  
**Prof. LJ Lo. Chang Gung Craniofacial Center, Taiwan.**

- Primary Furlow: Indications / Advantages
- Description, Tips / Pitfalls – How to prevent VPD
- Palatoplasty modifications adapted to cleft severity

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12:00 -12:15 Coffee Break

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12:15-14:15 **Speech Therapy in childhood: Protocol and technique.**  
**Dra. Ana León Espitia, España**

- Goals
- Protocol: When to start, therapy Intensity and Length.
- Monitoring and adjusting ST according to phono-audiologic development

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14:15 - 15:15 Lunch

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### Evaluation of VPD: State of the Art

15:15 - 16:30 **Assessment of velopharyngeal function/dynamics (PART 1)**  
**Dra. A M León Espitia, España**

Subjective assessment: Protocol and technique  
Depiction and scale of functional anomalies in VPD:

- Hypernasality, Nasal leak, Articulation errors, Intelligibility.
- Therapeutic implications

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16:30 - 17:45 **Assessment of velopharyngeal function/dynamics (PART 2)**  
**Dra. Pegoraro - Krook, Brasi**

Objective Assessment: Multiplanar Videofluoroscopy:  
Protocol and technique

- VPD profiling using Multiplanar Videofluoroscopy
- Implicaciones terapéuticas Therapeutic implications

# Programme

17:45 - 18:15 Coffee break

18:15 - 19:30 **Assessment of velopharyngeal function / dynamics (PART 3)**

**Dra. Pegoraro - Krook, Brasil**

Objective Assessment: Direct vision / fibronasoscopy

- VPD Profiling using Fibronasoscopy
- Dynamics Profiling (circular, coronal, sagittal, etc.) and velopharyngeal gap.
- Therapeutic implications

20:30 **Dinner**

## Saturday, 22nd February 2020

### Current Trends in VPD Management

9:00 - 10:00 **ENT Protocols in patients with CLP.**

**Dr M Pellicer, España**

- Otology: WHO Assessment, monitoring and treatment.
- Managing Adenoid Tonsillar hypertrophy in cleft patients.
- SAHS in cleft patients: diagnosis and management

10:00 - 10:45 **Quality of Life in Children and Adults with VPD**

**Dr. Martin Persson, Suecia**

10:45 - 11:15 Coffee Break

11:15 - 12:30 **I sound Different**

**Lic. Gareth Davies, Inglaterra**

12:30 - 13:30 **Speech therapy: Algorithm and treatment plan for VPD**

**Dra. Ana M. León, España**

- Benefits of speech therapy: What can be achieved?
- ST Protocol/technique in patients with VPD.
- Indications and limits of speech therapy: When should we operate?

13:30 - 14:30: Lunch

14:30 - 15:30 **Bauru Craniofacial Rehabilitation Center: VPD Management Protocol**

**Dra. Pegoraro - Krook, Brasil**

- Treatment algorithm
- Secondary Palatoplasty
- Furlow
- Faringoplasty

# Programme

15:30 - 16:30 **Speech aid prosthesis (bulbs)-assisted ST.**

**Dr. Homero Aferri; Dra. Pegoraro - Krook, Brasil**

- Benefits of bulb-assisted ST: What can be achieved?
  - Bulb-assisted ST protocol/technique.
  - Indications and limits of bulb-assisted ST: When should we operate?
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16:30 - 17:00 Coffee Break

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17:00 - 18:00 **Hospital do Trabalhador: VPD Management Protocol**

**Dr. MA Gamborgi, Brasil**

- Therapeutic algorithm: Indications for each surgical technique.
  - Palate Re-Do
  - Furlow
  - PFF
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18:00 - 19:00 **Chang Gung Craniofacial Center: VPD Management Protocol.**

Prof. JL Lo, Taiwan

- Therapeutic algorithm: Indications for each surgical technique.
  - Palate Re-Do
  - Furlow
  - PFF
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19:00 **Closing**

# General Information

## REGISTRATION

	UNTIL 1/31/2020	FROM 2/1/2020
Speech therapist Aelfa-if member. Conferences 21-22 / 02	330 €	380 €
Speech therapist. Conferences 21-22 / 02	350 €	400 €
Dentists and doctors. Conferences 21-22 / 02	430 €	480 €
Live surgery*	80 €	120 €
Speech aid Prosthesis Workshop**	150 €	

\*Pending according to number of entries

\*\* Limited to 20 participants

To register you must fill in the Registration Form at <http://www.aulavhebron.net/> next courses section.

**Includes:** course attendance, documentation, work lunches and coffees

**Cancellations:** Cancellations made 15 days before the start of the course will be accepted. For cancellation fees, 85% of the registration fee will be refunded

## ACCREDITATION

The accreditation of the Consell Català de la Formació Continuada de les Professions Sanitàries - Comisión de Formación Continuada del Sistema Nacional de Salud- has been requested.

Certificate will be given to attendees who meet a minimum of 80% attendance and have successfully passed the final course test.

## SECRETARIAT

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## VENUE

Sala d'Actes. Hospital de Traumatologia, Rehabilitació i Cremats

Vall d'Hebron Barcelona Hospital Campus  
Pg. de la Vall d'Hebron, 119-129,  
08035 Barcelona (Spain)

