

Young Children Workshop

May 23-24, 2017

Lisbon, Portugal

Venue: Intercontinental Hotel



Dear Participant,

Many of us dedicate our lives to helping others create their future. The greatest legacy is helping others overcome barriers so they can reach their full potential.

Hearing is an essential link to the world and assures complete development in children.

When the sound reaches a child for the first time, a new way of embracing reality is opened.

This journey will lead us all to the very first steps of screening, diagnosis and intervention with a worldwide vision. Topics such as the consequences of hearing loss, importance of early intervention, adequate audiological evaluation and surgical aspects, will be addressed during the morning.

In the afternoon new software implementations and the approach to specific CI indication groups will be covered. We will end with the appreciation of music and enjoyment of live music.

We would like to warmly welcome you all to the Young Children Workshop hosted in Lisbon and thank each of you for attending and bringing your desire to learn, your expertise and the wish to improve our daily mission.

With kindest regards,



A handwritten signature in black ink, appearing to read 'Julio Dacosta'.

Julio Rodrigo Dacosta
Director General
MED-EL España & Portugal



A handwritten signature in black ink, appearing to read 'Alejandra Kontides'.

Alejandra Kontides
Product Manager, Pediatric Products
MED-EL Headquarters

Tuesday, May 23, 2017

19:00 - 22:00 Welcome Reception @ Marriott Hotel

Wednesday, May 24, 2017

Meeting Room: Coimbra A&B, Intercontinental Hotel

08:30 - 09:00 Arrival, Registration

09:00 - 09:10 Welcome

Julio Rodrigo Dacosta

Moderation: Herédio Sousa

SESSION: THE IMPORTANCE OF NEONATAL HEARING SCREENING AND EARLY INTERVENTION

09:10 - 09:30 Neurocognitive Factors in Sensory Restoration of Early Deafness

Andrej Kral

09:30 - 09:50 The Benefits of Early Cochlear Implantation in Young Children on Speech and Language Development

Kelly Schepers

09:50 - 10:10 Screening in Less Developed Countries in Africa

Nana Akua Owusu

10:10 - 10:40 Coffee Break @ Foyer

Moderator: Javier Gavilán

SESSION: FROM DIAGNOSIS TO CANDIDACY

10:40 - 11:05 Current Challenges in Pediatric Cochlear Implant Candidacy Evaluation

Yifat Yaar Soffer

11:05 - 11:30 CI Surgical Candidacy in Children

Javier Gavilán

SESSION: SURGICAL CONSIDERATIONS IN YOUNG CHILDREN

11:30 - 11:40 Cochlear Implants in Very Young Children

Joachim Müller

SESSION: MED-EL AND CHILDREN

11:40 - 12:00 Pediatric Products

Daniela Platzer

12:00 - 12:10 A Glimpse into MED-EL's Exciting New Bone Conduction Technology

Isabell Gehring

12:10 - 13:10 Lunch Break @ Eduardo VII

SESSION: MAESTRO 7 AND FITTING

13:10 - 13:30 MAESTRO 7.0: Fitting Made Faster and Easier

Jennifer Robinson

13:30 - 13:40 Fine-grain Amplitude Growth: Details and Background

Konrad Schwarz

13:40 - 13:50 Fine-grain Study: Initial Results

Diego Zanetti

13:50 - 14:10 The ART of Fitting

Peter Nopp

14:10 - 14:35 Application of ESRT in Clinical Fitting of Children Supplied with CI

Kurt Stephan

14:35 - 15:05 Roadmap in Programming Young Cochlear Implant Recipients

Iman Eldanasoury

15:05 - 15:25 Coffee Break @ Foyer

Moderation: Herédio Sousa

SESSION: SPECIAL CONSIDERATIONS

15:25 - 15:45 Bimodal Hearing

Annerose Keilmann

15:45 - 16:05 Directionality in Children

Peter Nopp

16:05 - 16:25 Establishing/Re-establishing Binaural Hearing in Children With Single-Sided Deafness

Dayse Távora-Viera

16:25 - 16:45 Partial Deafness Treatment (PDT) in Children - Functional Outcomes After Cochlear Implantation

Anita Obrycka

SESSION: MUSIC AND CI

16:45 - 17:05 Music and CI in Young Children

Dirk Mürbe

CLOSING

17:05 - 17:15 Tu Barrera Del Sonido

Diego Castaño

17:15 - 17:25 Farewell

Julio Rodrigo Dacosta

19:00 - 22:30 Dinner @ Doca de Santo, Meeting Point: Hotel Lobby 18:30

Table of Contents

Neurocognitive Factors in Sensory Restoration of Early Deafness Andrej Kral – Germany	6
The Benefits of Early Cochlear Implantation in Young Children on Speech and Language Development Kelly Schepers – Germany.....	7
Screening in Less Developed Countries in Africa Nana Akua Owusu – Ghana	8
Current Challenges in Pediatric Cochlear Implant Candidacy Evaluation <u>Yaar Soffer Y.</u> , Kaplan Neeman R., Yakir Z., Hildesheimer M., Shapira Y., Henkin Y. – Israel.....	10
CI Surgical Candidacy in Children Javier Gavilán – Spain	11
Cochlear Implants in Very Young Children <u>Joachim Mueller</u> , Mareike Haack, Maria Elke Schuster – Germany	14
Pediatric Products Daniela Platzer – Austria	16
A Glimpse into MED-EL's Exciting New Bone Conduction Technology Isabell Gehring – Austria.....	17
MAESTRO 7.0: Fitting Made Faster and Easier Jennifer Robinson – Austria.....	20
Fine-grain Amplitude Growth: Details and Background <u>Konrad Schwarz</u> , Alejandra Kontides – Austria, Diego Zanetti, Federica D. B. Di Berardino, Eliana Filipponi, Sara Cavicchiolo – Italy.....	21
Fine-grain Study: Initial Results Diego Zanetti, <u>Federica Di Berardino</u> , Eliana Filipponi, Sara Cavicchiolo – Italy	22
The ART of Fitting Peter Nopp – Austria	23
Application of ESRT in Clinical Fitting of Children Supplied with CI Kurt Stephan – Austria	24
Roadmap in Programming Young Cochlear Implant Recipients Iman Eldanasoury – Egypt.....	25
Bimodal Hearing Annerose Keilmann – Germany.....	28
Directionality in Children Peter Nopp – Austria	29
Establishing/Re-establishing Binaural Hearing in Children With Single-Sided Deafness Dayse Távora-Vieira – Australia	30
Partial Deafness Treatment (PDT) in Children – Functional Outcomes After Cochlear Implantation <u>Anita Obrycka</u> , Artur Lorens, Henryk Skarzynski – Poland	31
Music and CI in Young Children Dirk Mürbe – Germany	34
Tu Barrera Del Sonido Mayor Tom – Spain.....	35

Fine-grain Study: Initial Results

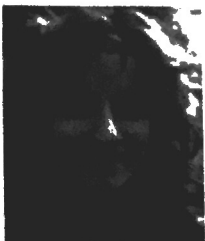
Diego Zanetti, Federica Di Berardino, Eliana Filipponi, Sara Cavicchiolo – Italy

ECAP thresholds have been used to estimate the levels of the electric dynamic range helping programming especially in children.

In the present study, we will compare the actual paradigm for measuring ECAPs using an Amplitude Growth Function, versus a novel paradigm characterized for its smaller stimulation steps size.

Besides the possibility of getting an Electrical Stapedius Reflex within the range of the Electrical Compound Action Potential measurements will be monitored.

Success rate for all objective methods, differences in the obtained ECAPs thresholds, slopes and loudest acceptable presentation level at different rates, will be discussed.



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