

The Ultimate Paediatric Audiology Course

When: 25th and 26th June 2020

A virtual course via an online app

Times mentioned below is British Summer Time or BST, which is GMT+1

25th June 2020: A Virtual Pediatric Amplification Workshop

Marlene Bagatto, Au.D., Ph.D.

11:05am– 11:15am	Introduction to paediatric hearing aid fitting
11.15am -11.30am	Review of using ABR threshold estimations to fit hearing aids for infants
11:30am – 12:10am	Revisiting RECD basics and applications with demo
12:10am – 12:25am	Common principles of the Desired Sensation Level Method
12:25am – 12:50am	Infant-friendly hearing aid verification -Considerations for open fittings
12:50am – 1:05pm	The Speech Intelligibility Index (SII) as a tool with hearing aid fitting
1:05pm – 1:30pm	BREAK
1:30pm – 1:45pm	Verification Demonstration
1:45pm – 2:30pm	Noise reduction in paediatric hearing aid fittings
2:30pm – 2:45pm	Verification Demonstration
2:45pm – 3:15pm	Frequency lowering in paediatric hearing aid fittings
3:15pm – 3:30pm	Verification Demonstration
3:30pm – 3:45pm	BREAK
3:45pm – 4:00pm	Considerations for fitting bone conduction hearing devices to children
4:00pm – 4:30pm	Outcome measures for infants and young children who wear hearing aids
4:30pm – 5:00pm	Case studies
5:00pm – 5:15pm	BREAK
5:15pm – 5:45pm	Managing mild bilateral hearing loss in children
5:45pm – 6:15pm	Profound unilateral hearing loss: Fitting CROS/BiCROS hearing systems for children
6:15pm – 6:30pm	Discussion and wrap-up

Learning Outcomes:

1. Understanding the scientific principles underlying the common verification and validation techniques in paediatric amplification
2. Understanding how to use speech intelligibility index in optimising amplification
3. Setting and verifying frequency lowering in paediatric fittings
4. Learning about the best practices in managing children with mild and unilateral hearing loss

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26th June 2020 Paediatric Assessment Workshop Josephine Marriage, Ph.D.

9:00am- 10.00am	Pre – reading / viewing: 1 hour
10.00am- 10.20am	Zoom Start time: Introduction and Polls 1-3
10.20am- 11.00am	Reinforcement Theory (RT) for hearing assessment in children
11.00am- 11.15am	Quiz and Break
11.15am- 12.00pm	VRA study, signals and judging responses
12.00pm-12.15pm	Quiz and Break
12.15pm- 12.40pm	Application of reinforcement theory to conditioned play audiometry (CPA)
12.40pm- 12.55pm	Case study with discussion groups
12.55pm- 1.00pm	Delegates complete Survey Monkey appraisal form and finish

Learning outcomes:

1. Delegates will understand foundations of reinforcement theory (RT) and how it relates to behavioural testing with visual reinforcement audiometry (VRA)
2. Delegates will become familiar with 2 theories of developmental delay and deviance in testing hearing in children
3. Delegates will understand how they can embed these theories into their clinical practice for hearing assessment and management of hearing loss in children

26th June Paediatric Assessment Workshop Jay Jindal, Au.D.

1.30pm- 2.30pm	Advanced ear examination: a review of outer and middle ear pathologies and differential diagnosis with ear examination
2.30pm- 4.00pm	Scientific principles of tympanometry and otoacoustic emission measurement and how to use distortion product OAE in monitoring hearing profile.
4.00pm- 4.30pm	OAE Demo and close

Learning outcomes:

1. Delegates will understand how to use ear examination for diagnosing ear pathologies and making onward referrals
2. Delegates will have a review of tympanometry and acoustic reflex testing
3. Delegates will learn about the parameters, method, interpretation, and clinical use of transient evoked and distortion product otoacoustic emission testing.