

The Newborn and Sound

Lecture and workshop

Date: 16 June 2023 at 14:00

Location: Lecture room of the Children's Hospital at the Ljubljana University Medical Centre, Bohoričeva ulica 20, Ljubljana

Organizer:

Project B-AIR Radio Slovenia, RTV SLO

Clinical Department of Neonatology of the University Children's Hospital Ljubljana UMC

Program:

- Prof. dr. Darja Paro Panjan: Introduction
- Dr. Igor M. Ravnik: On the B-AIR Zvočenja / B-AIR Soundings series of broadcasts exploring the subjects between sound, music, and medicine in the framework of the B-AIR project.
- Dr. Manuela Filippa: A Newborn Baby – Voice, Sound and Music
Overview of basic knowledge and the author's research and thinking on the topic
- Dr. Manuela Filippa: Voice, Sound and music in the ICU
Clinical application of human voice, sound and music for sick newborn babies / examples of good practice

Manuela Filippa got her PhD in Developmental Psychology at the University of Paris Ouest Nanterre. She has been a post-doc researcher at Paris Descartes University, at University of Valle d'Aosta and at University of Geneva. She is actually Scientific Colaborator at HUG, Geneva University Hospitals, with prof. Petra Hüppi, and at Unige, University of Geneva with prof. Didier Grandjean. Since more than ten years, she has studied the effects of maternal voice on premature infant's development in collaboration with international research centers. Musician by training, she teaches Psychology of Music and Music Education at the University of Valle d'Aosta, she became expert in the field of music psychopedagogy and early childhood. She has taken part in numerous research projects on the ontogenesis of musical experience, she published texts, contributions and articles. The last popular science books for teachers, parents and infants, Sounds Drops (2014), In a nest of sounds (2016), Singing for infants (2016) and Modal Melodies (2023); her last scientific book for researchers, Early Vocal Contact and Preterm infants brain development (2017).

She has been selected as the winner of the International Acta Paediatrica Young Investigator Award 2017 and she was awarded first prize "Prix Temps Maman" for her research on mother's vocal contact and preterm infants (2013). Her research was published in National Geographic Magazine (2019 and 2021).

Her research interests mainly focus on bio-behavioral mechanisms of early vocal interactions, on early interventions in the preterm infant population and the on the ontogenesis of musical experience.

A Newborn Baby - Voice, Sound and Music

Overview of basic knowledge and of the author's research and thinking on the topic

Lecture

The main aim of the Lecture is to describe the theoretical framework at the base of Early Vocal Contact. I will introduce the rationale as well as systematic reviews on this specific topic. In the second part of the presentation, I will illustrate, thanks to evidence-based studies and video examples, the effects of the Early Vocal Contact on preterm infants' development and its potentialities for family-based interventions.

I'll conclude with specific recommendations for the implementation of the Early Vocal Contact into the clinical practice.

Voice, Sound and Music in the ICU

Clinical application of human voice, sound and music for sick newborn babies / Examples of good practice

Workshop

In the workshop, thanks to video-based guidance, participants will be able to observe the preterm infant's responses to the Early Vocal Contact.

In the first part, several videos extracts will be presented to the audience, with the primary aim to recognize the principal acoustic and behavioural features of the early interactions between parents and infants. Specific attention will be devoted to the video-corpus of preterm infants during hospitalization.

No participation fee.

Registration at b-air@rtvslo.si

An application for licensing points is pending at the Medical Chamber.



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