

REPORT ON THE 2nd ELETROESCUTA EXPERIENCE, SÃO PAULO, BRAZIL

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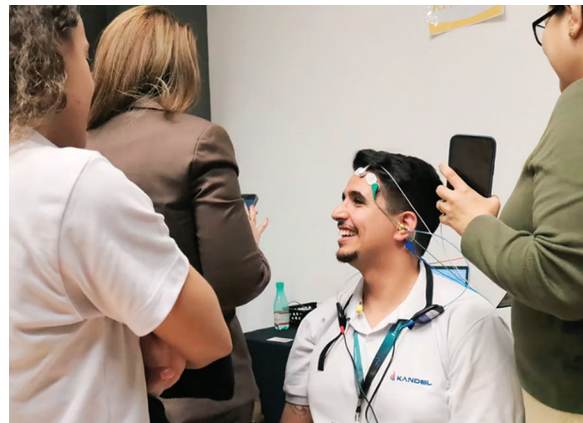
Between June 27 and 28, 2025, the 2nd EletroEscuta SP Experience was held in the city of São Paulo, bringing together more than 150 people interested in deepening their knowledge of auditory electrophysiology. The focus of the event was on clinical challenges and complex cases in the field of electrophysiology. The scientific coordinators were Prof. Dr. Milaine Dominici Sanfins and Prof. Dr. Daniela Gil, while the technical coordinators were biomedical engineers Maria Eduarda Aidar Santillo and Luísa Vitória Leite Oliveira.

The EletroEscuta SP Experience aims to advance knowledge in electrophysiology, neuroscience, electroacoustics, and audiology, with a strong emphasis on the exchange of knowledge between academics and practitioners, fostering collaborative learning and shared development.

The speakers included Prof. Dr. Carla Gentile Matas, Dr. Daniela Capra, Prof. Dr. Daniela Gil, Dr. Gabriela Ivo, Prof. Dr. Lais Ferreira, Dr. Luciane Pualetti, Prof. Dr. Maria Francisca Colella-Santos, Prof. Dr. Michele Vargas Garcia, Prof. Dr. Milaine Dominici Sanfins, Dr. Roberto Beck, Dr. Tiago Silva, and Dr. Tobias Torres.



Prof. Dr. Milaine Sanfins – scientific coordinator of the EletroEscuta SP Experience



EletroEscuta attendees during the practical class on Auditory Evoked Potentials

The topics of the theoretical classes were chosen for maximum enjoyment and learning. Some of the topics discussed were:

- *Hearing and genetics* – the most common etiologies of sensorineural hearing loss and updates on gene therapy research;
- *Traumatic brain injury* – what does electrophysiology reveal about the injured brain?
- *The deep-end of electrophysiology* – what do we really need to know about masking?
- *Exploring the frontiers of electrophysiological assessment of hearing* – click-evoked auditory brainstem responses, specific frequency ABR, and steady-state auditory evoked potentials;
- *Electrophysiology in special populations* – particular challenges in the assessment of children, the elderly, and patients with cognitive disabilities;
- *How can electrophysiology be used to assess and monitor speech disorders?*
- *Cochlear implants and electrophysiology* – uncovering new frontiers and mastering best practices;
- *Electrophysiological evaluation and its role in the differential diagnosis of tinnitus;*
- *Vestibular assessment and rehabilitation* – are you using electrophysiology's full potential?
- *Cognitive auditory evoked potentials (P300)* – controversies and discussions. What is the future of cognitive auditory assessment?



Speakers and conference attendees during the coffee break

At the end of the theoretical presentations, there was a discussion of cases. The theme was electrophysiology – integrating theory and practice. For the practical activities, several workstations were set up, equipped with equipment for attendees to handle. Each workstation was staffed by a professional electrophysiologist and a technician. The professionals included Bruna de Medeiros Giacomel, Carla Gentile Matas, Carolina Henrique Lustosa, Caroline Donadon, Daniela Gil, Daniela Capra, Lais Ferreira, Luciane Pauletti, Maria Francisca Colella-Santos,

Michele Vargas Garcia, Milaine Dominici Sanfins, Patrícia Guerra, Thais Diniz, and Thiago Silva. So that everyone could take full advantage of the practical sessions, a lecture beforehand focused on technical mastery and how to minimise technical problems.

The 3rd Eletroescuta Experience SP will take place from 4th to 6th June 2026, at the Tivoli Mofarrej hotel in São Paulo, and will be expanded to include auditory processing, otoneurology, and tinnitus.



Conference attendees, speakers, and technical staff on the last day of this remarkable event