



Evidence-Based Diagnosis and Management of Facial Nerve Disorders

Guest Editors:

Dr. Gerd Fabian Volk

Facial-Nerve-Center Jena, Jena University Hospital, Jena, Germany; Department of Otorhinolaryngology, Jena University Hospital, 07747 Jena, Germany

Prof. Dr. Steffen U. Eisenhardt

Department of Plastic and Hand Surgery, Medical Center-University of Freiburg, Faculty of Medicine, University of Freiburg, 79106 Freiburg, Germany

Prof. Dr. Shai M. Rozen

University of Texas Southwestern Medical Center, Dallas, TX 75390, USA

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Message from the Guest Editors

With increasing speed, new diagnostic and therapeutic approaches for the management of facial nerve disorders are being published. But there is often a lack of high-quality studies that prove long-term effect or identify subgroups that are of particular benefit. The evidence-based management remains challenging. Novel clinical and technological solutions, such as Patient-Related Outcome Measures (PROMs), telemedicine, 3D motion-capture systems, multi-channel electromyography, ultrasonographic and magnetic resonance imaging, app-based patient follow-up, big-data analysis and machine learning, practice guidelines, or classification based on decision trees, among others, as well as basic research to better understand the pathomechanism might not only enhance our knowledge about impacts of facial nerve disorders, ability to characterize patients, and interventional effects, but might also pave the way towards more evidence-based paradigms.

The Special Issue aims to provide an overview of the clinical and technological applications which hold promise to improve diagnosis, clinical characterization, therapeutic understanding, and treatment of facial nerve disabilities.





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Editor-in-Chief

Prof. Dr. Andreas Kjaer

Department of Clinical
Physiology, Nuclear Medicine &
PET National University Hospital,
Rigshospitalet, University of
Copenhagen, Blegdamsvej 9, DK-
2100 Copenhagen, Denmark

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Diagnostics Editorial Office
MDPI, Grosspeteranlage 5
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