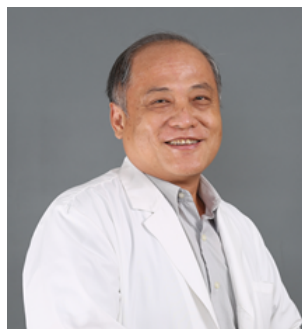


2025 臺中榮民總醫院院慶國際醫學研討會

TCVGH International Medical Conference

AI in Medicine

Future of Healthcare by AI



| | |
|----------|---------------------|
| 姓名 | 張鳴宏 |
| 職稱 | 專任教師 |
| 科別／系所 | 後醫學系/神經學 |
| 機構／單位／學院 | 中興大學/醫學院 |
| E-Mail | cmh500809@gmail.com |

Professional Career

Prof. Chang graduated from Kaohsiung Medical University at 1986 and completed neurological training at Taipei and Kaohsiung Veterans General Hospital at 1991. He was promoted to be Head of Neurological Institute at Taichung Veterans General Hospital at 2014 and currently, he has been served as Professor of Medical College of National Chung Hsing University since 2021. His research interest is on Electrodiagnosis, esp. on electrodiagnosis and treatment of carpal tunnel syndrome and recently on the topics of Neuromuscular Diseases, for example, focusing on identification of risk factors for the occurrence of DM neuropathy, esp. on painful symptoms. He has already published more than 120 peer review SCI papers and got more than 4000 citations and H index around 34.

Speech Title

The role of laryngeal EMG for unilateral vocal fold paralysis: assessment and treatment

Abstract

Unilateral vocal fold paralysis (UVFP) is a common disorder that may cause glottal closure insufficiency resulting in hoarseness of voice. EMG is commonly performed in assessment of muscle weakness, for example, laryngeal EMG for TA muscle that will help physicians to localize muscles. I will present how to evaluate the stages of acute vs chronic, severity and possibly recovery of cord function. Furthermore, if the palsy does not recover spontaneously at the follow-up period, EMG-guided hyaluronic acid injection is recommended to make the closure insufficiency become more potent. During the speech, we will present the laryngeal EMG technique and our results for the guided-injection for the vocal cord palsy.