

## Advances in stroke neurological rehabilitation

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The research and practice of neurological rehabilitation for stroke patients has undergone tremendous changes in the past decade. This presentation highlights several important areas of advances in contemporary stroke rehabilitation in Taiwan. First randomized controlled trials and comparative efficacy research showed treatment-specific efficacy of constraint-induced therapy, bilateral arm training, and dose-matched control intervention aimed to improve comprehensive functional outcomes based on the International Classification of Functioning, Disability and Health (ICF). Secondly, clinimetric study showed the responsiveness and clinically important change of test instruments commonly used for measuring motor function and quality of life after stroke. Implications of the findings for research and practice in neurological rehabilitation will be discussed. Further research is underway that includes comparative assessment of treatment regimens and identification of treatment outcomes relevant for daily functions and life quality.

### Biography

Keh-chung Lin completed his ScD with distinctions at Boston University in 1994. He is Professor and Chair of School of Occupational Therapy, College of Medicine, National Taiwan University and Director, Division of Occupational Therapy, National Taiwan University Hospital. He was President of Taiwan Occupational Therapy Association, 2008-2010. He has published 146 papers in reputed journals and serving as an editorial board member of several reputed journals.

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