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## Current clinical practices in hemiplegic rehabilitation among physiotherapist in India

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This study was aimed at understanding the current physical therapy practices in stroke rehabilitation in the India. A cross sectional study of questionnaire of 37 items was developed through literature review. These questions were sent to therapists who have treated stroke patients. A total of 459 participant's point of view was analyzed for the study. Result showed that more than 90% of the physiotherapists had similar understanding about aim of treatment, tone management and neurotherapeutic approaches. There was lot of variation about the upper and lower limb splints. A majority of the therapists ranked functional performance (92%) as the most important aspect which is appreciable followed by speed, accuracy, strength and number of repetitions. More than 95% use NMES in hand rehabilitation along with functional tasks NMES. Shoulder sling is used the maximum in case of shoulder pain (86%) followed by heating modalities, NMES. Walker and cane is most frequently used ambulatory device. The most preferred lower limb orthosis was dynamic AFO and static AFO. Only 9% are doing research based practice.

### Biography

Gajanan Vithalrao Bhalerao is currently working as an Associate Professor and Head of the Department of Physiotherapy in Neurosciences at Sancheti Institute College of Physiotherapy, India. He is pursuing PhD in Physiotherapy from Maharashtra University of Health Sciences (MUHS) and completed Master of Physiotherapy (Neurosciences) from Pune University. He has also completed Basic & Advance NDT certificate course from NDTA, USA and done certified training in Basic and Advance research methodology, Basic and Advance Medical education teaching technology and in 2D & 3D gait analysis. He is a Member of Indian Association of Physiotherapy & Maharashtra State Occupational and Physiotherapy Council, India.

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