

3rd International Conference on

PARKINSON'S DISEASE AND MOVEMENT DISORDERS

September 25-26, 2017 Chicago, USA



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The impact of wearing off on quality of life in patients with Parkinson's disease

Introduction: By the year 2040, neuro degenerative disorders are expected to surpass cancer as the second most cause of death in the elderly. One of the most common neuro degenerative disorder is Parkinson's disease with over 4 million victims identified in the world. Motor and non-motor symptoms tend to return during wearing off phenomenon in levodopa treated Parkinson's patients. The development of wearing off is due to Parkinson's disease progression and the rapid break down of levodopa in the body resulting in a feeling that levodopa effects are fading out. This results in the disturbances of the quality of life. In this study ten steps approach to improve quality of life and wearing off phenomenon are discussed: Disability and quality of life are assessed; research tools to assess quality of life; early signs and symptoms of wearing off; staging of Parkinson's disease and the emergence of wearing off; management of wearing off; impact of non-motor symptoms on HRQOL (Health Related Quality of Life); Parkinson's disease well-being map and paper version and management of non-motor symptoms improved quality of life in Parkinson's disease than motor symptoms; living a full life with Parkinson's disease; helpful hints in daily life, managing stress with exercise, foot teeth care with diet and nutrition; and creative and complementary therapy.

Conclusion: Depression, fatigue, sleep problems and excessive day time sleepiness require special consideration when trying to optimize Parkinson's management, due to their strong correlation with negative health status and HRQ-ol. Quantifying Parkinson's symptoms provide an important basis for optimizing treatment and care.

Biography

Srinivas Avathvadi Venkatesan is the President of Indian Academy of Neurology and also he is the emeritus Professor of The Tamilnadu DR.M.G.R.Medical University. Srinivas Avathvadi Venkatesan, driven by his quest for excellence and the latest discoveries on human brain related disorders, joined Madras Medical College (MMC) and received MD(General Medicine) in 1978. Later he pursued and received DM in Neurology from his alma mater. He is First Neuro physician of his state Tamil Nadu in India in government service to be conferred, the Fellow of the Royal College of Physicians (FRCP) in London in 2012, fellowship of the Indian Academy of Neurology 2004 and fellowship by the American Academy of Neurology, in 2003. He is the First Indian to receive American Indian Neurology Award (AINA) in USA in 2001, for the best paper presentation IN STROKE during annual American Academy of Neurology meeting in 2001 in PHILADELPHIA. By The Tamil Nadu DR. MGR Medical University. Currently serving as a Member –in the ACADEMIC COUNCIL of National institute of Mental health and Neurosciences, Deemed University, Bangalore.

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