



DNC Seminar

"EXPERIMENTAL AND CLINICAL EXPERIENCES WITH DEEP BRAIN STIMULATION IN MOVEMENT DISORDERS AND IN ANIMAL MODELS"

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Wednesday 2nd of December, 14.30-15.30

Palle Juul-Jensen auditorium,
Building 10G, Århus Sygehus, NBG

SYNOPSIS:

"Treatment of movement disorders by deep brain stimulation has developed considerably during the last 20 years and more than 60.000 patients worldwide with essential tremor, Parkinson´s disease (PD), generalised and focal dystonia and Tourettes syndrome have been treated with DBS. Treatment effect depends upon precise targeting and close follow-up. The results are impressive but side effects, although often transient, are common. Further improvement of treatment demands a deeper insight and understanding of the mechanism of DBS. Animal studies in minipigs intoxicated with MPTP are used for evaluation of effect of DBS and of pharmacological treatment. Recent studies suggest that DBS-induced modulation of abnormal rhythmic activity of basal ganglia-thalamic-cortical circuits in PD underlies its remarkable efficacy concerning motor symptoms. Exploration of this issue could provide us with the necessary tools to tailor treatment to the individual patient".

ALL ARE WELCOME

DNC offers refreshments afterwards

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