How is brain plasticity related to Parkinson's disease and dystonia?

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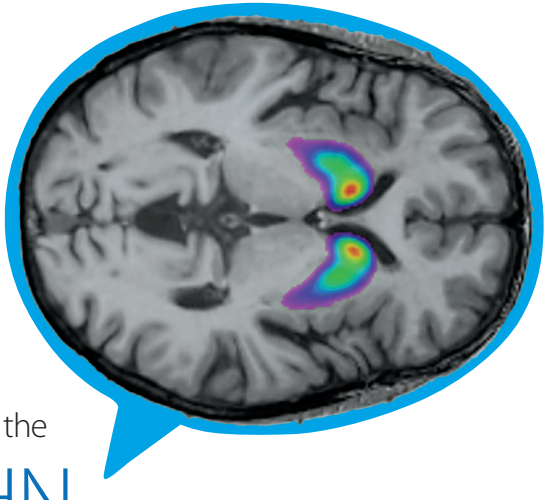
October 25, 2017 / 4 p.m.
BMO Education & Conference Centre
Toronto Western Hospital



Part of the

UHN
Movement
Disorders
Speaker Series

Better understanding Parkinson's disease and dystonia

Brain plasticity refers to the different ways the brain can change and reorganize itself. It is an important process that mediates learning and memory. However, too much plasticity can also lead to problems such as phantom pain.

Research studies, including those performed at Toronto Western Hospital, show that brain plasticity is disturbed in brain diseases such as Parkinson's disease and dystonia. In Parkinson's disease there may not be enough plasticity, whereas in dystonia there appears to be too much. Moreover, effective treatment is associated with returning brain plasticity to the normal state.

This session will discuss different ways of how researchers assess brain plasticity in Parkinson's disease and dystonia, how current treatments affect brain plasticity and the implications for the development of new treatments.

Join us on Wednesday, October 25, 2017 to hear more.

Registration: 4 p.m.
Presentation: 4:30 – 5:30 p.m.

BMO Education & Conference Centre
60 Leonard Avenue, Toronto ON M5T 2R1
Light refreshments will be served.

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