Neuromodulation in the management of Parkinson's disease:
Indications, targets, and outcomes
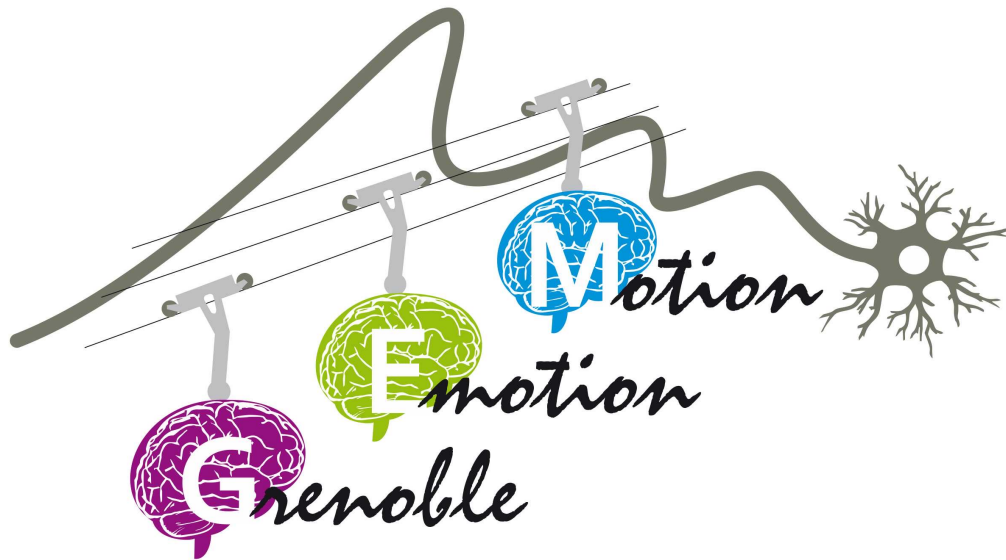
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Learning objectives

To describe the established neuromodulation therapies in PD

To learn when and how to select a PD patient for a neuromodulation treatment

To discuss outcomes of different neuromodulation therapies

Key messages

Several invasive therapies for advanced PD are currently available

The evidence for DBS efficacy in advanced PD is established

MRIg-FUS in PD is also expanding

- **Bilateral surgery**
- **More long-term data to support outcome and safety**

Some new treatments are under investigation (both in advanced and earlier phase of PD)