Eficacia del 123I-ioflupano (DaTSCAN) en el diagnostico de sindromes parkinsonianos
[Efficacy of 123i-ioflupane (DaTSCAN) on the diagnosis of parkinsonism syndromes.
Systematic review and case registry]
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Record Status
This is a bibliographic record of a published health technology assessment from a member of INAHTA. No evaluation of the quality of this assessment has been made for the HTA database.

Citation

Authors' objectives
To assess the efficacy of DaTSCAN© in the diagnosis of early Parkinson's disease and determine the efficacy of 123I-FP in the differential diagnosis of vascular parkinsonism, drug-induced parkinsonism, essential tremor, DLB and AD.
To establish patient's characteristics with similar symptoms to PD who will obtain the most benefit of image technique.

Authors' conclusions
The scientific evidence available indicates that 123I-FP can be useful to differentiate PD from non-degenerative disorders such as vascular and drug-induced parkinsonism, differentiate PD from Alzheimer's disease and this last one from DLB. The quality of evidence was low, which limits the validity of the conclusions.
DaTSCAN© seems to show a greater clinical utility when it is used in patients with suspicious early PD, especially when symptoms have started in the previous 1-2 years, but is not useful in patients with advanced PD and responsiveness to L-DOPA.
The case registry showed that ane was more useful in the diagnosis of patients without response to L-dopa or with postural tremor. 123I-FP could not be indicated correctly in some patients.
High quality studies are necessary to assess the diagnostic efficacy of DaTSCAN© to differentiate between movement disorders.

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