



## PARKINSON'S DISEASE NEWS

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### CAMICINAL INCREASES L-DOPA LEVELS IN PARKINSON'S DISEASE

Delayed gastric emptying can impair absorption of L-dopa, thereby contributing to motor fluctuations. Camicinal (GSK962040), is a gastroprokinetic, which is being assessed for its effect on the absorption of L-dopa and the symptoms of Parkinson's Disease. Gastroprokinetic drugs increase the movement of ingested material through the GI tract.



Patients were given either 50mg camicinal daily for 7 to 9 days or were taking a placebo. Average time to reach maximum L-dopa concentration by taking camicinal was reduced, indicating more rapid absorption of L-dopa. Camicinal resulted in significant reduction in OFF time, reducing it by 2 hours 18 minutes. There was a significant increase in ON time, increasing it by 1 hour 52 minutes. There was also a significant decrease in mean total MDS-UPDRS score (Parkinson's Disease symptoms). Camicinal treatment was generally well tolerated.

Parkinson's Disease symptom improvement with the use of camicinal occurred in parallel with a more rapid absorption of L-dopa. This study provides evidence of an improvement of the motor response to L-dopa in people with Parkinson's Disease treated with camicinal.

Reference : Movement Disorders [2017] Dec 26 [Epub ahead of print] (S.L.Marrinan, T.Otiker, L.S.Vasist, R.A.Gibson, B.K.Sarai, M.E.Barton, D.B.Richards, P.M.Hellström, D.Nyholm, G.E.Dukes, D.J.Burn)

Complete abstract : <http://www.ncbi.nlm.nih.gov/pubmed/29278279>

<http://www.viartis.net/parkinsons.disease/news/171231.pdf>

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