



PARKINSON'S DISEASE NEWS

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

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POSTURAL DEFORMITIES IN PARKINSON'S DISEASE

Striatal (hand and foot) and postural deformities are known to commonly occur in atypical Parkinsonism patients, but can also be seen in people with Parkinson's Disease. These deformities are frequently misdiagnosed as joint or orthopaedic problems that can often lead to unnecessary investigations. For more information go to :

[http://www.parkinsonnet.nl/media/1004438/doherty_lancet%20neurology%20\(2011\)%20postural%20deformities.pdf](http://www.parkinsonnet.nl/media/1004438/doherty_lancet%20neurology%20(2011)%20postural%20deformities.pdf)



Various striatal (hand and foot) and postural deformities (antecollis, camptocormia, scoliosis and Pisa syndrome) and their relation with the duration of Parkinson's Disease, severity and L-dopa intake were analyzed. Of those people with Parkinson's Disease, nearly half of them (48.5%) had either striatal or postural deformities. Striatal foot were the most common deformity observed (25%). Camptocormia was the second most common deformity (20%). Striatal and postural deformities were seen in more advanced Parkinson's Disease as suggested by significantly higher UPDRS scores. Striatal deformities almost always (94%) occurred more on the same side of the body as the onset of Parkinson's Disease symptoms. Pisa and scoliosis occurred more (66%) on the opposite side to the onset of Parkinson's Disease symptoms.

The results showed that striatal and postural deformities were common and present in about half of the people with Parkinson's Disease. These deformities were more common in people in the advanced stages of Parkinson's Disease.

Reference : Indian Journal of Medical Research [2016] 144 (5) : 682-688 (S.Pandey, H.Kumar) Complete abstract : <https://www.ncbi.nlm.nih.gov/pubmed/28361820>

<http://www.viartis.net/parkinsons.disease/news/170404.pdf>

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