



## PARKINSON'S DISEASE NEWS

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

5th August 2015 - New research

### FROZEN SHOULDER SYNDROME IN PARKINSON'S DISEASE

Frozen Shoulder Syndrome, which is a common musculoskeletal disease in Parkinson's Disease has been found to occur at times in nearly half of people with Parkinson's Disease. The shoulder becomes stiff and so greatly restricts movement of the shoulder. It can cause chronic pain and physical disability. For more information go to :

<http://www.mayoclinic.org/diseases-conditions/frozen-shoulder/basics/definition/con-20022510>



Frozen Shoulder Syndrome can more commonly affect people with Parkinson's Disease, with from 12% to 46% of people with Parkinson's Disease being affected. Shoulder problems generally occur far more commonly in Parkinson's Disease. Those prone to Frozen Shoulder Syndrome had initial symptoms of akinesia twice as frequently as tremor. In at least 8% of people with Parkinson's Disease who have Frozen Shoulder Syndrome, frozen shoulder syndrome was the first symptom, occurring up to 2 years before other common symptoms. However, the "frozen shoulders" and pain can respond to L-dopa.

Reference : Parkinson's Disease [2015] Jun 9 [Epub 2015] (Y.T.Chang, W.N.Chang, N.W. Tsai, K.Y.Cheng, C.C.Huang, C.T.Kung, Y.J.Su, W.C.Lin, B.C.Cheng, C.M.Su, Y.F.Chiang, C.H.Lu) Complete abstract : <http://www.ncbi.nlm.nih.gov/pubmed/26180653>

<http://www.viartis.net/parkinsons.disease/news/150805.pdf>

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