



PARKINSON'S DISEASE NEWS

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HYDROCARBONS INCREASE THE RISK OF PARKINSON'S DISEASE

Exposure to hydrocarbons has been found to significantly increase the likelihood of developing Parkinson's Disease. This was based on by far the largest assessment of its kind. Prior to this study there had not been a consensus concerning hydrocarbons as a cause of Parkinson's Disease.

Hydrocarbon poisoning such as that of benzene and petroleum usually occurs accidentally by their inhalation or ingestion. Sources of hydrocarbons include : natural gas, cooking gas, petrol, gasoline. For more information go to : <http://en.wikipedia.org/wiki/Hydrocarbon>



People with Parkinson's Disease were assessed according to several factors including their previous working exposure to hydrocarbons. Thirteen case controlled studies were made use of in assessing the likelihood of developing Parkinson's Disease. Hydrocarbon exposure increased the likelihood of Parkinson's Disease by 1.32 times normal. Occupational exposure of hydrocarbons increased the likelihood of developing Parkinson's Disease to 1.61 times normal.

This systematic review supports a positive association between hydrocarbon exposure and Parkinson's Disease. In some people the likelihood of developing Parkinson's Disease was four times normal. A more emphatic relationship may have been obtained if the degree of exposure was also considered. The biochemical cause of the association was not proposed.

Reference : Parkinsonism Related Disorders [2014] Dec 26 [Epub ahead of print] (O.Palin, C.Herd, K.E.Morrison, A.C.Jagielski, K.Wheatley, G.N.Thomas, C.E.Clarke)

Complete abstract : <http://www.ncbi.nlm.nih.gov/pubmed/25577023>

<http://www.viartis.net/parkinsons.disease/news/150118.pdf>

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