



PARKINSON'S DISEASE NEWS

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CARBON MONOXIDE INCREASES RISK OF PARKINSON'S DISEASE

Carbon monoxide poisoning has been found to be able to greatly increase the risk of Parkinson's Disease. Common sources of carbon monoxide include cigarette smoke, gas cookers, gas fires, vehicle exhaust, gasoline-powered tools. For more information go to : http://en.wikipedia.org/wiki/Carbon_monoxide_poisoning



The overall prevalence of Parkinson's Disease (per 100,000 people per year) in those people that had suffered carbon monoxide intoxication was 27.4. After this figure was adjusted for age, sex, and comorbidities, those people that had carbon monoxide intoxication had nine times the normal risk of developing Parkinson's Disease. This makes it one of the most potent uncommon causes of Parkinson's Disease.

Those people with carbon monoxide intoxication who were receiving hyperbaric oxygen therapy, which is used to treat carbon monoxide poisoning had a risk of Parkinson's Disease 14 times above normal. The therapy does not cause Parkinson's Disease but instead shows that it is used in more extreme cases.

The risk of Parkinson's Disease increased a lot in those people suffering carbon monoxide intoxication. The significance was increased in young people. Therefore, in some people, carbon monoxide intoxication can be a serious factor leading to Parkinson's Disease.

Reference : Journal of Pediatric Gastroenterology and Nutrition [2015] 94 (19) : 1-6 (C.Y. Lai, M.C.Chou, C.L.Lin, C.H.Kao)

Complete abstract : <http://www.ncbi.nlm.nih.gov/pubmed/25984676>

<http://www.viartis.net/parkinsons.disease/news/150530.pdf>

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