tween what we found on the island of Als, Denmark (60.7 years) and in the Faroe Islands (64.2 years). The mean age at treatment was 62.1 years and is even lower than in both Denmark and the Faroe Islands (63.7 vs 66.3), suggesting that when they were diagnosed they were treated rapidly but diagnosed at a more advanced stage, which explains the higher mean score on the Hoehn and Yahr scale (2.8 vs 2.5 and 2.5).

We foresee that the number of patients with PD and the crude prevalence will increase in the future because of the aging of the population and because of more accurate diagnosing.

The causes of the high rate is not known, but high organochlorine concentrations have been found among the Inuits and are attributed to a life-long high intake of seafood. In a study of caudate nucleus obtained postmortem from patients with PD and controls, there were significantly higher concentrations of some organochlorine compounds in the PD tissue. The susceptibility to the effects of organochlorine compounds could be those with genetic polymorphisms of the cytochrome P450 involved in organochlorine metabolism. The Inuits may have a genetic susceptibility to the effects of organochlorine.

References


MRI during postangiography headache

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A 34-year-old patient, with no history of migraine, who suffered from drug-resistant partial seizures related to a right frontal cortical dysplasia, underwent a right carotid arteriography as part of presurgical evaluation. After the examination, he experienced pulsating right hemicrania, associated with nausea, vomiting, photophobia, and phonophobia, which fulfilled the International Headache Society criteria for migraine without aura, except that only one attack had occurred. Twenty-four hours after the beginning of the headache, an MRI performed after administration of gadopentetate dimeglumine showed vasodilatation of meningeal vessels in the right fronto-temporal region, overlying the cortical dysplasia. MRI performed after headache disappearance demonstrated normalization of meningeal vessel caliber (figure). These MRI examinations suggest the possible role of vasodilatation in the pathogenesis of migraine-like, postangiography headache.


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MRI during postangiography headache
S. Kremer, S. Grand, Y. Dananchet, et al.

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