

Chronic Alcoholism

Chronic [alcoholism](#) leads to increased tolerance; in habituated individuals survival with levels exceeding 1000 mg/dl has been reported.

see [Alcohol withdrawal syndrome](#).

Damage to the [cerebellum](#), particularly to the cerebrocerebellum area and the cerebellar [vermis](#), is almost always associated with clinical depression and often with [alcoholism](#).

see [Osmotic demyelination syndrome](#).

Data suggest that while heavy current alcohol consumption is associated with significant impairment in a number of neurocognitive domains, a history of alcohol dependence, even in the absence of heavy current alcohol use, is associated with lasting negative consequences for neurocognitive function ¹⁾.

[Victor Horsley](#) was a supporter for Women's Suffrage, and was an opponent of tobacco and alcohol.

Having observed that many injuries admitted to the hospital were due to alcohol, Horsley threw himself into becoming a temperance reformer. He soon rose up to the position of a vice-president of the National Temperance League and the president of the British Medical Temperance Association. In 1907, along with Dr. Mary Sturge he published a book on alcoholism called Alcohol and the Human Body.

Luo et al., showed that the metabolite content and axonal fibre changes in the pontine of chronic ethanol-treated rats can be detected using MRS and DTI at 7.0 T earlier than conventional MRI, which provide objective indicators for the early diagnosis and treatment of chronic alcoholism ²⁾.

Baclofen is primarily used to treat spasticity and is in the early research stages for use for the treatment of [alcoholism](#).

¹⁾

Woods AJ, Porges EC, Bryant VE, Seider T, Gongvatana A, Kahler CW, de la Monte S, Monti PM, Cohen RA. Current Heavy Alcohol Consumption is Associated with Greater Cognitive Impairment in Older Adults. Alcohol Clin Exp Res. 2016 Nov;40(11):2435-2444. doi: 10.1111/acer.13211. PubMed PMID: 27658235; PubMed Central PMCID: PMC5113749.

²⁾

Luo J, Shen Z, Chen G, Wang D, Yu X. Pontine Changes in Metabolites and Axonal Fibres of Rats Following Four-week Alcohol Exposure: In Vivo Diffusion Tensor Imaging and 1h-magnetic Resonance Spectroscopy Study at 7.0 T. Alcohol Alcohol. 2016 Dec 3. [Epub ahead of print] PubMed PMID: 27915238.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=chronic_alcoholism

Last update: **2024/06/07 02:56**

