

# Turning the Table on Dementias including Alzheimer's Disease

NCIM's approach to treating dementias including Alzheimer's naturally takes into account the latest thinking among scientists and others on the disease processes that characterize it and how to interfere with and impede them.

The consensus among experts is that Alzheimer's disease is a protein misfolding disease (proteinopathy), caused by plaque accumulation of abnormally folded amyloid beta protein, and tau protein in the brain (Tauopathy), which form the neurofibrillary tangles which are a hallmark of the disease. Many scientists believe that AD is initiated by viruses, trauma, **prions**, **inflammation** or other factors.

NCIM's approach to combating AD includes:

Countering prion activity and spread in the CNS. Significantly reducing neuroinflammation. Accelerating the digestion & elimination of misfolded proteins in neurons and other cells including hyperphosphorylated tau and alpha synuclein. A diet, supplement & drug regimen designed to improve cognition plus memory formation & recall.

D/AD patients are treated in Mexico with an intrathecal (lumbar puncture) infusion of umbilical cord stem cells mixed with Nova Cell's proprietary Beacon Factor. These stem cells have been lab primed to become specific cell types that reduce neuroinflammation and stimulate new neuron production (neurogenesis).

**In addition, AD patients are given the Beacon Factor by IV drip.**

The Beacon Factor, invented by NCIM's director of laboratory services, Abel Pena, is discussed in conjunction with the amazing turnaround of an elderly Canadian gentleman with advanced Lewy Body Dementia (often called "Alzheimer's cousin") which can be accessed at .

The primed stem cells and Beacon Factor treatment sets thing in motion to help retard disease progression while simultaneously encouraging the body to effect repairs and restoration. About 2 weeks after an AD patient gets back home NCIM sends him or her a diet, drug and supplement program which is geared to complement the effects of their treatment by (among other things) maintaining the suppression of inflammation (brain & body) and promoting the digestion & elimination of misfolded proteins in neurons and

other cells. Furthermore, this program includes things that have been shown to improve cognition and bolster memory formation and recall.

**Human umbilical cord blood-derived mesenchymal stem cells improve neuropathology and cognitive impairment in an Alzheimer's disease mouse model through modulation of neuroinflammation.**

Lee HJ, Lee JK, et al. Neurobiol Aging. 2012 Mar;33(3):588-602. doi: 10.1016/j.neurobiolaging.2010.03.024. Epub 2010 May 14. PMID: 20471717 Related citations

KLOTHO: The stem cell infusions introduce a molecule into the CNS called klotho which protects neurons from the AD-related disease process (It also may exert an antiaging effect on various organs). Klotho cannot penetrate the blood-brain barrier and reach the brain, something NCIM gets around by placing the klotho producing stem cells directly into the cerebral spinal fluid (CSF) which circulates through the brain and rest of the CNS. Klotho neuroprotective against AD

<http://www.sciencedaily.com/releases/2014/07/140724172108.htm>

<http://www.gladstoneinstitutes.org/pressrelease/2015-02-10/protein-linked-to-longevity-and-enhanced-cognition-also-protects-against-alz>

## **Has dementia met its match?**

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