

Alzheimer's

Testimonial # 71:

My name is **June Martin (Distributor #090501)**, wife of **John Martin who was diagnosed with Alzheimer's** in 1998. At that time he was forgetful but we still had a very normal life. By 1999 he had to stop driving and mid-2000 needed to be watched. In July 2002 he was admitted to VA Nursing Home. Went in walking with a slight unsteadiness, talking and was continent. In Sept. 2003 he was no longer able to walk and was incontinent. By November 2003 he had pretty much been silent for **7 or 8 months**. He wouldn't open his eyes, couldn't sit up in wheelchair, didn't talk (just grunted) and drooled constantly. **Started the Immunocal in October 2003, two packets** a day and in December I increased his dosage to four. Started seeing much improvement. He started sitting up straight, opened his eyes more and started talking again. In June 2004 he went to therapy and was peddling from his wheelchair, walking with the help of a machine and with no machine the aides held his arms and he walked with them for quite some distance, talking up a "Storm" while doing so. He said "I'm going to walk home" He is 'THE STAR' of the Nursing Home and the Drs., Nurses and Aides are my best customers. Especially the aides on double shifts with the Xtra Sharp. **THEY LOVE IT!!!!** I have very recently purchased a used handicap van with a ramp so I can bring him home, take him to the Mall and to the beach where we can walk the boardwalk. It really stimulates him being out as he some times asks me if he'll ever "get out of here". John is a "backseat" driver though!! When we got home one day he said, "When you get a little bit older you'll drive better"! I'm 71 years young and he is a very young 85 and looks great! Other than Alzheimer's John is a very healthy man. Think he thought of me as one of our kids. I could go on and on. It's a miracle!!! All 21 residents that were in the Alzheimer's Ward when John went in, have passed away and he has been upgraded (out of that ward) and has gotten much better. **God Bless you all at Immunotec.**

I'm a two time cancer survivor so needless to say I'm taking Immunocal also. I had two mastectomies. One in 1987 and the other in 1997, My sister had one in 1952 and is still alive at 80!! My mom died at 85 of breast cancer. My Dad had lung cancer in 1949. They took out lung and he lived another 15 years. A brother died of brain tumor after surgery at age 36 in 1963. Another brother died of bone cancer at age 47 in 1977. My only brother left is in a Nursing Home in MA. because of Alzheimer's. Very healthy though otherwise. As soon as I make enough money as Distributor will send him Immunocal too. **SO YOU CAN SEE HOW IMPORTANT IMMUNOCAL IS TO MY FAMILY!!**
Thank you! Thank you. Happy Holidays!! June Martin

ALL the BEST

Jim Hawley, Immunotec Independent Distributor

Neurodegenerative Diseases – Alzheimer's and Parkinson's Information # 72

By Patricia A.L. Kongshavn, Ph.D

Alzheimer's and Parkinson's are neurodegenerative diseases in which cell damage and degeneration is seen in certain specific areas of the brain. In Parkinson's disease nerve cells slowly degenerate in the part of the mid-brain (the substantia nigra layer of the basal ganglia) that controls movement, resulting in progressive loss of muscular coordination and balance. In Alzheimer's disease brain cells degenerate, brain mass shrinks and characteristic neurofibrillary tangles and neural plaques are seen post mortem. Increasing lines of evidence suggest that mitochondrial damage plays a key role in Parkinson's, Alzheimer's and some other neurodegenerative diseases (1-5). This, in turn, increases the generation of reactive oxygen species and the onset of oxidative stress, leading to

oxidative damage and programmed cell death. At the same time, glutathione homeostasis is disturbed (6-9). In one study, glutathione levels were reduced by 40% in the substantia nigra in early stage Parkinson's disease (7). These levels fall even much further in later stages, the magnitude of reduction in glutathione seeming to parallel the severity of the disease (9). The lowered glutathione values and increased oxidative stress are thought to be responsible for the loss of dopamine producing cells in the substantia nigra in Parkinson's disease patients (7, 8). The use of antioxidants, particularly glutathione, for the treatment of neurodegenerative diseases is an obvious consideration (6-9). In an in vitro study, glutathione was shown to protect human neural cells from apoptosis i.e. cell death, induced by dopamine (8). Sechi et al. showed that intravenous injection of glutathione was effective in reducing symptoms (42% decline in disability) in early Parkinson's disease patients and possibly retarded the progression of the disease (9). Other treatment options to increase brain concentrations of glutathione are better choices for long-term treatment. Banaclocha has reviewed the putative usefulness of N-acetyl cysteine for this purpose in the treatment of Parkinson's, Alzheimer's and other age-associated neurodegenerative diseases (1). Immunocal is an even better choice than this drug, being entirely non-toxic and proven to raise intracellular glutathione (10). References.

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5. Lohr JB, Browning JA Free radical involvement in neuropsychiatric illnesses. *Psychopharmacol Bull* 31:159-165, 1995.
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Alzheimer's Testimonial # 73

"When I started taking Immunocal two and a half years ago, I did so because of the information that was known on **cancer**. I needed to be able to prevent against after having lost both my parents to it. But then I realized that it wasn't only for the cancer prevention. Now for the first time in my life I am actually healthy." "I know two gentlemen on Immunocal, one no longer shows the signs of **Alzheimer's Disease** and the other after seventeen years of shaking with **Parkinson's** is able to eat in public because the shaking has stopped. A lady with **MS** who started taking Immunocal immediately after being diagnosed two and one half years ago, and has been in remission ever since." Thanks again, **Debbie Harmonic August 27, 2001**