



**Patient: Susan**

**Diagnosis: Multiple Sclerosis**

**Background:**

Multiple Sclerosis (MS) is a chronic, inflammatory, demyelinating disease that destroys the insulation of the nerves of the central nervous system (brain and spinal cord). Multiple Sclerosis affects neurons, the cells of the brain and spinal cord that carry information, create thought and perception, and allow the brain to control the body. Surrounding many of these neurons is a fatty layer known as the myelin sheath (like the insulation of a wire), which helps neurons carry electrical signals. MS causes gradual destruction of myelin (demyelination) throughout the brain and spinal cord. When the myelin is destroyed, the neurons can no longer effectively conduct their electrical signals. The name Multiple Sclerosis refers to the multiple scars (scleroses) in the brain. The symptoms can include changes in sensation, visual problems, muscle weakness, depression, difficulties with coordination and speech, marked fatigue, cognitive impairment, difficulty in maintaining balance, heat intolerance, and severe pain.

Susan was diagnosed with Multiple Sclerosis (MS) at the age of 46 in 1994.

By 2002 her disease had progressed to the point that due to her generalized weakness and imbalance her only method of ambulation became a wheelchair, and she found herself unable to drive. Due to her heat intolerance (inability to sweat), she was confined to her home on hot days and was unable to even take a warm shower. Susan also had difficulty sleeping; at times unable to sleep for several nights in a row, due to her chronic pain, bladder urgency and frequency.

She lived with chronic fatigue, had little stamina and was unable to even take a few steps on her own.

Prior to seeking Fetal Stem Cell therapy, Susan's only source for treatment were the traditional medications used to help minimize the symptoms of Multiple sclerosis, such as Avonex and Novantrone, all with no success.

Susan said that she sought Fetal Stem Cell treatment "as a last ditch effort to reclaim my life."

### **Post Fetal Stem Cells:**

Susan received her first Fetal Stem Cell treatment April 2006. She reported improvements within weeks. Only two weeks after she received the stem cell treatment, Susan wrote; "My gait and sense of balance have both improved dramatically. Only two days after receiving the Fetal Stem Cells, on my way back home from the Dominican Republic, I was trucking through the airport at a decent pace. I had no pain whatsoever and my gait was relatively smooth and fast. I was actually able to walk on the moving walkway by myself without losing my balance.

Also, my sensitivity to heat has dramatically decreased. My stamina is greatly improved, as well. In the morning, I wake up with a clear head, instead of feeling like I am in a fog." "Another major improvement is the foot and hip pain, that I lived with for many years, dissipated within the first week after treatment; and within two weeks, my feet and hip stopped hurting altogether."

In a follow up letter written a month later, Susan reported, "I am continuing to experience improvements. I am cognitively much sharper. My libido has also increased, with a corresponding increase in my sexual pleasure. As you know, before treatment, I had little or no energy, and I experienced this terrible fatigue that was so bad that I got tired just taking a shower and getting dressed in the morning. Now I am full of energy."

"Along with obviously enjoying the reversal of almost all of my symptoms, one of the best things is the look on my husband's face every time I do something that I haven't been able to do in years".