



Help Send AJ To Germany

For Stem Cell Therapy
July 2010

Your donation will help A.J. and his family travel to the XCell Center in Germany for a cutting edge treatment that has shown to lessen the effects of his Cerebral Palsy.

For neurological indications such as stroke and brain damage or degenerative diseases like MS, ALS, Parkinson's and Alzheimer's; targeting is achieved via lumbar puncture or direct injection into the brain. Since stem cells cannot cross the blood-brain barrier efficiently, it is critical to apply the cells such a way to bypass this barrier so the cells can enter the central nervous system and realize their maximum potential.

1) **Stem Cell Safety** –

Unlike with these other treatments, the XCell-Center utilizes each patient's own (autologous) bone marrow stem cells so they have no risk of developing Graft vs. Host Disease (GVHD). Since there is no donor, patients who use their own stem cells run zero risk of contracting an infectious disease from a donor.

- 2) **Stem Cell Targeting** –The basic idea is that the stem cells should be implanted as closely as possible to the targeted organ or damaged tissue in order to increase the probability that the greatest number of cells will engraft into that organ or tissue.



Donations can be made to:

**Anthony (AJ) Schuman through the
Denver Firefighters Credit Union**

2201 Federal Blvd.

Denver, CO 80211

303-228-5300

www.dfdcu.com

Check out the 9News story that follows Dominic one of AJ's friends and the results he has experienced since his Stem Cell Treatment.

<http://www.9news.com/life/programming/storytellers/article.aspx?storyid=134257&catid=463>

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