**Can Stem Cell Therapy Cure Autism?**

**Why Use Stem Cells?**

Autism treatment with stem cells aims at those parts of the brain, which are responsible for speech, concentration and attention. This new therapy is showing good results because of special abilities of stem cells. They can promote cerebral oxygen inflow by means of creating new blood vessels. They also replace old damaged neurons and help building new neurons connections. Oxygen deprivation and intestinal inflammation are two main problems to be solved. Mesenchymal stem cells are also able to boost the patient’s immune system, thus, inflammations can be suppressed.

Stem cells transplantation can be of two types:

* autologous (the recipient receives his/her own stem cells);
* allogenic (the recipient receives the donor’s stem cells).

**What Are The Advantages of Allogeneic Transplantation?**

1. There is no need to match human leukocyte antigen, so it’s possible to treat any person.
2. High dosages of cells can be injected many times during the treatment course.
3. There is a huge supply of the cells in human umbilical cord.
4. Autologous stem cells are derived from fat tissue or hip bone of the patient under anesthesia. This procedure is not a pleasant one, especially for children. Allogenic stem cells transplantation doesn’t require this procedure.
5. It is noticed that mesenchymal stem cells harvested from umbilical cord are the strongest and the healthiest, as compared to those collected in other ways.

**What Are The Results Of Stem Cell Therapy For Autism Treatment?**

According to the available evidences, stem cell therapy for autism shows very good results. The child becomes less aggressive, typical reactions on sounds and changes in the environment disappear or become less disturbing. Communication skills are developed and, in general, the child is able to support contact and focus on dialogues much better.

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