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PRLog (Press Release) ? Apr 29, 2010 ? Macular degeneration is a retinal degenerative disease that causes progressive loss of central vision. The risk of developing Macular degeneration increases with age. The disease most often affects people in their sixties and seventies. Macular degeneration is the most common cause of vision loss in individuals over the age of fifty.

Nowadays treating incurable diseases is not a major issue, Stem Cell Therapy has helped many patients getting treatment for incurable diseases of which Macular Degeneration is one disease.

SCGF center in Germany is one such center known for providing the stem cell treatments to the needy patients suffering from macular degeneration following the proper ethical standards. The stem cells are first collected from a patient's bone marrow, extracted from the hipbone (iliac crest) then re-injected; stem cells have the potential to transform into multiple types of cells and are capable of regenerating damaged tissue. Our innovative stem cell treatments use the self-healing potential of each patient's own body to stimulate regeneration or repair.

Here is the case of one female patient, 45 years of age who got her treatment from one of the SCGF center in Germany. In the past, this patient had undergone several photodynamic laser macula treatments and two "lucentis" intra vitreo injections with a disastrous clinical result. Her clinical condition continued to worsen.

At last she finds her way to SCGF center in Germany and when she arrived at the center in for the first time, she had a central scotoma on the left eye and she was not able to count her fingers. In the right eye the experts observed the onset of macula degeneration with macula epiteliopathy and 9/10 corrected visual acuity that have been able to preserve until the present.

After some detoxification treatments the patient was sent to the center for a bilateral autologous stem cell retro-bulbar implantation. Just two weeks after the treatment, during an objective, standardized examination, this patient showed significant improvement.

As per the experts the retro-bulbar injection of autologous stem cells might first prevent the progression of dry and wet macular degeneration by reducing the Drusen deposits in the retinal pigment epithelium beneath the macula. It also prevents the destruction of the photoreceptors in both the dry and wet type, by reactivating proper micro-vessel activity and reducing the abnormal blood vessel growth beneath.
SCGF Center operates treatment centers in Cologne and Düsseldorf, Germany. It is the first privately-owned clinic in Europe to specialize in regenerative medicine using autologous bone marrow stem cell therapy and operates in accordance with German law and European guidelines. Its specialized medical team of German physicians includes specialists in: neurosurgery, orthopedics, cardiology, radiology, anesthesiology and pharmacology.

"As global stem cells market is seen to have such a big projection in the coming years we don't want to leave behind in providing Stem Cell Therapy and Cord blood transplants to the needy ones giving smiles on their faces? says, Mr. Karan Goel, Chairman, Stem Cell Global Foundation

Source:

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