

Stem Cell Therapy: A New Ray of Hope

The human body undergoes degenerative changes with increasing age and lifestyle changes. These degenerative changes in various organs lead to diseases like diabetes, osteoarthritis, renal failure, liver failure, Alzheimer's disease, Parkinson's disease, etc. Practically, each and every organ of the body has to age. With the advances in technology and medicine, the longevity of life has increased and we find at least a member in every family suffering from these diseases. Renal transplant, liver transplant, knee replacement surgery has become a household name. Stem cell therapy is a form of regenerative medicine for all such diseases.

Stem cell is a master cell and can grow into any organ we direct it to. Stem cells can be retrieved from one's own bone marrow, blood or fat cells and can be added with specific media or agents, which direct them to reach the target organ, where, within 8 to 12 weeks, they can start forming newer cells of the respective organ. Hence stem cell therapy is labeled as regenerative therapy.

'GennRx', a dedicated stem cell research and application/ therapy unit will be launched on 10th April, 2016 at 11am at May Fair Lagoon, Bhubaneswar in the hands of Prof. Ramesh Bhonde, head of Manipal Regenerative centre, Bangalore, as the Chief Guest, and _____ as Guest of Honor; in the presence of the who's who of Bhubaneswar.

Dr. Sujata Kar, Founder of "GennRx" said that GennRx is one of its kind unit in Odisha where they aim to provide most ethical services in hepatic, renal, orthopedic (joint) problems, neurological disorders, diabetes, infertility in their first phase and anti ageing etc in their second phase. Since the stem cells for this therapy will be taken from one's own bone marrow (autologous), chances of any serious reactions are remote. Dr Siddhanta Kar, MD GennRx added that they have partnered with the best of technology from Switzerland who have their own patents. With this technology stem cells will be segregated by the latest non-touch digital technique in 30 to 45 minutes.

Dr. Prabhu Mishra, Secretary General, Stem Cell Society (India), Founder President – Anti Ageing Foundation (All India Society), & Active Member of International society of Cellular Therapy, a partner with GennRx for technological transfer, said that he has been working in this field for more than 10 years and has seen miraculous results in arthritis, sports injury, diabetes, early renal failure and liver failure. He added that soon need for organ transplant and joint replacement surgeries would be minimised. Anti aging therapy is another area of focus of GennRx.

Through GennRx, they aim to make futuristic advances by research regarding further novel applications of this therapy in Infertility, IVF, which is one of their biggest areas of interest.

The stem cell therapy will be, in its simplest form, a half-day procedure. The patient will be given a pre treatment for 2 hours, his bone marrow aspirated and within 30 minutes prepared cells will be injected either intravenously or more specifically into the targeted organ, eg. Intra articular (into the joints), intra theccal (into the space around the spinal cord), etc. Patient will receive one more hour of post procedure care after which they may go back home and resume their day-to-day activities.

The mission of GennRx is to make stem cell therapy easily available for all classes of society in the most reasonable and ethical manner.

Applications of Stem Cells

Chronic diseases- Diabetes Mellitus, early renal failure.

Orthopedic- osteoarthritis, ligament tear, sports injuries, avascular necrosis of head of femur, non-healing fractures. ankylosing spondylitis, chondromalacia patellae.

Hepatic diseases- Liver Cirrhosis, liver fibrosis

Gastrointestinal diseases- Ulcerative colitis, Crohn's disease

Neurological diseases- stroke, spinal cord injury, multiple sclerosis, cerebral atrophy, autism, cerebral palsy, muscular dystrophy, ALS, Parkinson's disease.

Cardiac diseases – cardiomyopathy, myasthenia gravis, arteritis.

Anti ageing- Face and whole body rejuvenation, skin rejuvenation, hair treatment, pregnancy stretch mark removal etc.

Contact Information

Address:

Phone Numbers:

Website:

Email: