

Diseases That Adult Stem Cells can Benefit 1

The following chart was part of testimony given before the Maryland Legislature on March 2, 2005 by Dr. David A. Prentice, Ph.D. Senior Fellow for Life Sciences, Family Research Council Affiliated Scholar, Center for Clinical Bioethics, Georgetown University Medical Center

Summary portion of testimony

In summary, adult stem cells have been shown by the published evidence to be a more promising alternative for patient treatments, with a vast biomedical potential. Adult stem cells have proven success in the laboratory dish, in animal models of disease, and in current clinical treatments. Adult stem cells also avoid problems with tumor formation, transplant rejection, and provide realistic excitement for patient treatments.

ADULT STEM CELL BENEFITS TO HUMAN PATIENTS CHART

The following chart shows diseases that currently have patients being helped by adult stem cells through treatments or research projects and clinical studies:

CANCERS:

Brain tumors - medulloblastoma and glioma

Retinoblastoma (cancer)

Ovarian cancer

Skin cancer: Merkel cell carcinoma

Testicular cancer

Tumors abdominal organs, Lymphoma

Non-Hodgkin's lymphoma

Hodgkin's lymphoma

Acute lymphoblastic leukemia

Acute myelogenous leukemia

Chronic myelogenous leukemia

Juvenile myelomonocytic leukemia

Cancer of the lymph nodes: Angioimmunoblastic lymphadenopathy

Multiple myeloma (cancer affecting white blood cells of the immune system)

Myelodysplasia (bone marrow disorder)

Breast cancer

Neuroblastoma (childhood cancer of the nervous system)

Renal cell carcinoma (cancer of the kidney)

Soft tissue sarcoma (malignant tumor that begins in the muscle, fat, fibrous tissue, blood vessels)

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Various solid tumors

Waldenstrom's macroglobulinemia (type of lymphoma)

Hemophagocytic lymphohistiocytosis

NEURAL DEGENERATIVE DISEASES and INJURIES:

Parkinson's disease

Spinal cord injury

Stroke damage

AUTO-IMMUNE DISEASES:

Systemic lupus (auto-immune condition that can affect skin, heart, lungs, kidneys, joints, and nervous system)

Sjogren's syndrome(autoimmune disease w/ symptoms similar to arthritis)

Myasthenia (An autoimmune neuromuscular disorder)

Autoimmune cytopenia

Scleromyxedema (skin condition)

Scleroderma (skin disorder)

Crohn's disease (chronic inflammatory disease of the intestines)

Behcet's disease

Rheumatoid arthritis

Juvenile arthritis

Multiple sclerosis

Polychondritis (chronic disorder of the cartilage)

Systemic vasculitis (inflammation of the blood vessels)

OCULAR:

Corneal regeneration

WOUNDS and INJURIES:

Limb gangrene

Surface wound healing

CARDIOVASCULAR:

Heart damage

IMMUNODEFICIENCIES

Severe combined immunodeficiency syndrome

ANEMIAS AND OTHER BLOOD CONDITIONS:

Sickle cell anemia

Sideroblastic anemia

Aplastic anemia

Red cell aplasia (failure of red blood cell development)

Amegakaryocytic Thrombocytopenia

Thalassemia (genetic (inherited) disorders all of which involve underproduction of hemoglobin)

Primary amyloidosis (A disorder of plasma cells)

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Diamond blackfan anemia

Fanconi's anemia

Chronic Epstein-Barr infection (condition similar to Mono)

OTHER :

Sandhoff disease (hereditary genetic disorder)

Hurler's syndrome (hereditary genetic disorder)

Osteogenesis imperfecta (bone/cartilage disorder)

Krabbe Leukodystrophy (hereditary genetic disorder)

Stem cells have the remarkable potential to develop into many different cell types in the body during early life and growth. In addition, in many tissues they serve as a sort of internal repair system, dividing essentially without limit to replenish other cells as long as the person or animal is still alive. When a stem cell divides, each new cell has the potential either to remain a stem cell or become another type of cell with a more specialized function, such as a muscle cell, a red blood cell, or a brain cell.

Vita-Stim Concentrate (Stem Cell Nutrition) and Daily Vitamin & Minerals With Stem Cell Nutrition Support

Emergent Health's Vita-Stim Concentrate:

Vita-Stim Concentrate is an all-natural patented supplement that has been clinically proven to help increase the release of adult stem cells. This helps rebuild your body using the body's own natural renewal system of adult stem cells.

JDI International's Daily Vitamin & Minerals With Stem Cell Nutrition Support:

Contains a person's daily Vitamin and Mineral needs, Plus extra vitamin D3 and a portion of Vita-Stim Concentrate to help rebuild your body using the body's own natural renewal system of adult stem cells.

For more information including pricing visit our web site at www.OrderJDI.com