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***Heath Bulletin/Newsletter-30***  
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***Please forward to your friends and family!***

### **Organ Replacement Through Stem Therapy-Fact or Science Fiction?**

The idea of organ replacement and reanimating a dead individual certainly sounded like fiction in 1818 when Mary Shelley wrote her famous book Frankenstein. But today we don't believe that is such a strange story. With the advent of medical emergency care we have seen individuals literally brought back from the dead. It has also become commonplace to transplant organs such as heart, lungs, and even faces. So where is this all going? Will we one day have spare part to replace our organs if they become diseased and fail?

The truth of this came up with a current writer Robin Cook, M.D., who has been publishing books since 1972. During the past 40 years Dr. Cook has been noted for writing medical thrillers that covered current research in drugs and surgery, and medical ethics. Coma, his second book in 1977 covered ethical and organ transplants, Chromosome 6, 1997 also covered advance in organ transplant using human DNA transferred to primates creating a source of rejection free organs for wealthy individuals. His latest book Death Benefits 2011 brings us right up to today and is the source of this newsletter and information. This book was based on stem cell research which would allow the growth of all our organs using a nanotechnology lattice for rejection free transplants. This had been currently done in skin grafts for burn victims.

I had just finished Robin Cook novel on 1/7/12 and the following week in then New York Times Science section appear an article by Henry Fountain, "Synthetic Windpipe Is Used to Replace Cancerous One". This article tells about the research and development of organs at the Advanced Center for Translational Regenerative Medicine at the Karolinska Institute in Stockholm. The director of the institute Dr. Macchiarini, a leader in the field of tissue engineering, hopes to produce replacement tissues and organs outside the body.

He developed a windpipe, or trachea, made of minuscule plastic fibers and covered in stem cell take for the patient's bone marrow. This was done for a male patient with tracheal cancer that had advanced to the point it was considered inoperable, but the replacement windpipe made the surgery possible. So what sounded like science fiction is now a reality and over the next ten years or so we might see many organs that can be replaced without the fear of rejection and drugs that suppress the immune system. Another article in the time by Andrew Pollack tells, of stem cells being used successfully to treat macular degeneration. Our health care future is looking good if we can afford this type of care. As an example the trachea replacement cost \$450,000 and of course will Obama care allow for this type of treatment, only time will tell.

Before I could even finish this newsletter some new stem cell breakthrough was announced in The New York Times article by Nicholas Wade, “Scientists Use Stem Cells to Generate Human Eggs”. The stem cells can be separated out from the human ovaries and used to make other eggs. Jonathan Tills a biologist believe that bone marrow contains hidden reserve that can replenish the ovaries with new eggs. This can make great strides in reproductive problems of infertility in women.

On February 13, 2012, article by Eryn Brown, Los Angeles Times, Study: “Cardiac stem cells can reverse heart attack damage”, a small study at Cedars-Sinai Heart Institute on 25 individuals who had suffer heart attacks, showed a 24% to 12% reduction of size of scar an improvement in the way the heart works.

I have explained in previous newsletter that I read a least 30 or more articles and journals a month trying to stay abreast of any health information that can affect my patient well being. Many of the areas that I study are not part of my treatment methods, but I want to inform my readers of the truth on evidence based scientific information so the can make the proper choices in the heather care.

The information that I reported should be of hopeful expectations, but it would be much smarter to use preventative and maintenance system so you won't need these alternatives to live. This means, that you should eat properly and use nutritional supplementation. Your food should be fresh when possible. Using as little processed and convenience food when ever possible will cut down on excessive sodium which should improve blood pressure. Avoidance of fructose corn syrup sweeteners in foods and drinks as well as artificial sweeteners will help you maintain your health and avoid weight gain and type II diabetes.

Maintenance of your health can be done by getter regular chiropractic care, which means being examined and treated at least twice a year. With the additional system of applied kinesiology which allows me to tap into your nervous system by using manual muscle testing which is functional neurology. The detection of malfunctions can be found while in its formative stages before it actually become pathological (diseased). The common malfunctions that come back in the majority of us within 12 to 18 months from your last treatment are structural pattern of Pitch, Roll, Yaw #1 & 2, Ileocecal valve syndrome, meridian energy imbalances, and neurological disorganization known as switching. Switching which has 4 specific patterns creates miscommunications in your nervous system that will allow functional as well as pathologies to get a foot hold in your body.

If you have not had a regular chiropractic and applied kinesiology examination and treatment in more then 18 month call today and make an appointment to stay healthy!