

Rigvir ViroTherapy for Cancer Patients

Rigvir viral therapy was developed in Latvia and has seen success in treating cancer patients. It is a live non-pathogenic ECHO-7 virus which has an affinity for tumor cells. It replicates in the tumor cells and destroys them. Rigvir improves the survival rates in patients with cancer and improves their quality of life.

Rigvir is approved by the State Agency of Medicines of the Republic of Latvia. Rigvir is also approved in Uzbekistan, the Republic of Georgia, and Armenia. [Tumor virotherapy](#) (using a genetically engineered [herpes simplex type 1-derived virus](#) called talimogene laherparepvec) has recently been added as a cancer treatment tool in the USA.

Melanoma Cancer Cure With Virotherapy – Rigvir Virus

Rigvir Research

One study monitored 79 patients who had surgery to remove the primary melanoma tumor and were considered free from the primary melanoma after surgery. They were classified into substages IB, IIA, IIB, and IIC. Stage IB and stage II is where cancer has spread to certain lymph nodes. Fifty-two patients received Rigvir treatments while twenty-seven patients were merely observed and did not receive Rigvir treatments.

The patients were treated in the Latvian Oncology Center of Riga Eastern Clinical University Hospital, the Latvian Virotherapy Center in Riga, and the Oncology Clinic of Piejūras Hospital in Liepāja, Latvia.

Rigvir is administered over a prolonged period of time. It is not a single shot.

Injections of 2 ml of Rigvir intramuscularly took place for 3 consecutive days after surgery. Then, after one month and after two months 3 shots were given on 3 consecutive days. For the next 10 months, a single shot of Rigvir was given each month. In the second year Rigvir was given at 6-week intervals for the first 6 months, then every other month for the remainder of the second year. In the third year Rigvir was given at 3-month intervals.

Those patients who received Rigvir remained free of cancer recurrence or metastases for longer periods of time than those patients who were merely observed and did not receive Rigvir. Depending on the substage a patient was in, Rigvir treated patients had a 4.39–6.57-fold lower mortality than non-treated patients.

Another study looked at three patients with stage III and IV cancers. In stage III, the cancer has spread to the lymph nodes and has started to spread into surrounding tissue. Stage IV cancer has spread to, or metastasized in,

another organ.

Each of these patients sought treatment at the International Virotherapy Center in Rīga, Latvia.

The first patient had stage IV cancer in the lower back. The tumor surgically removed in December 2012. Rigvir therapy was begin in February 2013. The patient's condition has improved and has been stable since December 2014.

The second patient born in 1934 was a continuing smoker and was diagnosed with small cell lung cancer, stage IIIA, in May of 2009. The cancer had spread to several lymph nodes. Starting in June, 2009 the patient has been on a continuing course of Rigvir. Larifan was also prescribed on a weekly basis. The patient's condition has improved and has remained stable since October 2009.

The third patient, born in 1970, had stave IV sarcoma. Starting in October 2009 the patient began Rigvir treatment. He also received radiotherapy applied to the lymph nodes and received six courses of chemotherapy with doxorubicin and cyclophosphamide. He also receive Helixor P for some time. The patient's condition has improved and has remained stable since April 2012.

Conclusions You Can Use

Rigvir has shown evidence of prolonging the life and improving the health of cancer patients. But, it is not a quick fix. It requires a prolonged course of treatment.

Because it is not yet available in the United States, it requires medical tourism.

Both these factors make Rigvir treatment rather costly.

References about Rigvir ViroTherapy

[Adapted ECHO-7 virus Rigvir immunotherapy \(oncolytic virotherapy\) prolongs survival in melanoma patients after surgical excision of the tumour in a retrospective study](#) published in the journal *Melanoma Research*

[Long-term treatment with the oncolytic ECHO-7 virus Rigvir of a melanoma stage IV M1c patient, a small cell lung cancer stage IIIA patient, and a histiocytic sarcoma stage IV patient-three case reports](#) published in *Acta pathologica, microbiologica, et immunologica Scandinavica*

Stem Cell Therapy Can Help You

Stem cells from your own body's fat cells can be extracted, concentrated and reintroduced into your body. They help your body heal joint arthritis, repair heart damage, restore function to stroke victims, and much more.

What Are Stem Cells?

Stem cells are undifferentiated cells that can produce (differentiate) cells of a specific or specialized type. Stem cells divide and produce new differentiated cells throughout your life. For example, as cell damage occurs (as in a cut), new skin cells are produced by stem cells to repair the cut.

Stem cells circulating in your blood can reach any organ that needs repair. The stem cells at that organ can produce exactly the kinds of cells needed to repair the organ so it functions normally again. The more stem cells in circulation, the faster the healing process occurs.

Everyone has stem cells. Because cells normally die off, stem cells are required for life. Some experts say we could live only a few hours if we had no stem cells.

Adult stem cells from your own body can be harvested from many sources. Most popular sources of stem cells are your bone marrow or your fat or adipose tissue through liposuction. The adipose tissue is processed in a way that separates the fat from the stem cells. The stem cells are then injected in areas of the body that require repair.

Adult Stem Cell Therapy for Rheumatoid Arthritis and Osteoarthritis – Neil Riordan, PhD



Photo by handarmdoc

Dr. Riordan discusses focuses on mesenchymal stem cells harvested from fat tissue and the role they play in reducing inflammation, repairing tissue and modulating the immune system.

Stem Cells: Current Clinical Trials and Beyond

There are currently [over 2,000 studies](#) that are actively investigating stem cells or recruiting people to participate in a clinical trial involving stem

cells. As of this writing, several of these studies are:

- [Experimental Autologous Mesenchymal Stem Cell Therapy in Treatment of Chronic Autoimmune Urticaria](#)
- [Bone Marrow-Derived Stem Cell Transplantation for the Treatment of Cerebral Palsy](#)
- [Stem Cell Educator Therapy in Diabetes](#)
- [Outcomes of Expanded Autologous Bone Marrow-derived Mesenchymal Stem Cells Therapy in Type II Diabetes](#)
- [Allogeneic Human Mesenchymal Stem Cell Infusion Versus Placebo in Subjects With Alcohol Use Disorder and Major Depression](#)
- [Evaluation of Stem Cell Therapy Effects on the Immune Response in Rheumatoid Arthritis Patients](#)

Results of stem cell trials have shown that injections have helped regrow cartilage, reducing or eliminating joint discomfort. Stem cells have helped restore corneas, repair heart damage, treat stroke victims, and even show promise in helping repair spinal cord injuries. Stem cells have helped diabetic patients restore circulation in their legs to avoid amputation.

As you can imagine, many studies are first done on animals to see if a certain treatment is effective. Those treatments that are effective can then be using in human trials.

One study, [Stem cell therapy in a caprine model of osteoarthritis](#), investigating the usefulness of stem cells for regeneration of the medial meniscus or fibrocartilage in the joints of goats. Adult goat stem cells were introduced into the joints. The study noted “marked regeneration” of the meniscus. Repair tissue was noted after 6 weeks, and after 20 weeks further repair tissue was noted in 7 of 9 joints treated. The researchers concluded that, “This study suggests that there may be a therapeutic benefit associated with intraarticular injection of stem cells following traumatic injury to the knee.”

Stem Cells: Results of Applications in Humans

Knee arthritis two years after stem cell therapy by Harry Adelson, N.D.

Carrie describes her outcome two years after stem cell therapy for her painful, arthritic knees by Harry Adelson, N.D.

Stem Cell Treatment For Knees: Mycal's Story

Mycal was in constant pain which was impairing his function and quality of life. He wanted to avoid invasive knee replacement therapy. He chose adult stem cell therapy and watch him now tackle his game pain free! Stem Cell therapy for joint injuries are an ideal choice for those looking to avoid invasive surgery and prolonged downtime.

Enhance Your Stem Cells

You can receive stem cells in your joints or an intravenously for a whole body infusion in many clinics throughout the United States. Typically, the clinic will use fat cells taken, via liposuction, from your own body. The fat cells are placed in a centrifuge where the stem cells can be concentrated and extracted. The cells are then introduced into your body where they begin their work.

All this takes just a couple of hours. You'll experience no "down time" and can go about your daily activities after the injections.

At this time, the cost of this procedure is approximately \$4000 for one area (for example, a knee or a shoulder) and \$6000 for two areas (both knees or both shoulders). Insurance does not currently cover this procedure so you will have to pay for it yourself.

Stem Cell Enhancing Supplements

Because the cost such procedures more than many people can afford, some people are turning to supplements than can enhance stem cell production or mobilization. One such product is shown below. Investigate it and use it if you think it could help you.

[L-Citrulline and L-Arginine: This One-Two Amino Acid Punch Can Improve Circulation—And Your Love Life!](#)

L-Citrulline and L-Arginine are amino acids that help increase Nitric Oxide production. And, it's Nitric Oxide that helps relax narrow blood vessels which increases oxygen flow. And vasodilation sends more blood and oxygen to nourish every cell in your body.



Photo by [Slideshow Bruce](#) 

[HealthLine](#) tells us that L-Arginine is naturally found in foods such as turkey, pork loin, chicken, pumpkin seeds, soybeans, peanuts, spirulina, dairy products, chickpeas, and lentils.

Eases Circulation

These amino acids represent a holistic, non-pharmaceutical, way to support healthy blood pressure since the heart does not need to pump as hard to move blood through the circulatory system. Because blood moves more easily, you can experience more stamina and faster recovery during exercise sessions.

How Do L-Citrulline and L-Arginine Work?

Your blood vessels are surrounded by a layer of smooth muscle. The endothelium (inner lining) of your blood vessels use Nitric Oxide to tell the surrounding smooth muscle to relax. This relaxing of the smooth muscle surrounding your blood vessels allows them to widen and increases blood supply in the area.

So, the key is to increase the production and supply of Nitric Oxide.

Arginine is necessary to produce Nitric Oxide which allows blood vessels to relax or dilate. Arginine results in relatively rapid dilation of blood vessels. When Citrulline enters the kidneys and other tissues it is converted into arginine. Taking both L-Citrulline and L-Arginine produces both quick and sustained dilation of blood vessels.

In addition, Citrulline helps eliminate toxic ammonia from the liver.

Who Benefits From L-Citrulline and L-Arginine?

Anyone who wants a healthy blood pressure and greater blood flow can benefit from L-Citrulline and L-Arginine. This includes people with angina who want to avoid chest pain. People with leg pain due to poor circulation, including diabetic patients, will see an improvement in circulation and reduced pain. Anyone who exercises and wants to do more reps and recover faster will

benefit. And, men who suffer from erectile dysfunction due to restricted blood flow can have normal blood flow restored.

Baby boomers who are concerned about their cardiovascular health should be particularly interested. It is of interest to everyone interested in anti-aging because it promotes cellular health and resists the accumulation of plaque..

Video About the Benefits of L-Arginine

Dr. Harry Elwardt tells us that L-Arginine is a semi-essential amino acid that has shown promise in the prevention of arteriosclerosis (blockage of the arteries). L-arginine is pure 100% free form arginine and is the precursor for endothelium-derived nitric oxide (EDNO).

Three scientists were awarded the Nobel Prize In Medicine in 1998 for discovering nitric oxide's role as a vasodilator. In a healthy endothelium (inner wall of a blood vessel), nitric oxide (NO) will keep vessels pliable and elastic, dilate (open up) blood vessels keeping blood flowing smoothly, relax blood vessels, keep platelets and white blood cells calm and prevent them from sticking to the vessel wall, prevent oxidation, slow plaque growth, suppress arteriosclerosis and melt away plaque that already exists.

Recommended L-Citrulline and L-Arginine Complex

[Integrative Medicine Provides a Holistic Approach to Health](#)



by [bittermelon](#)

Integrative medicine is defined as a combination of mainstream science-based medicine and Complementary and Alternative Medicine therapies to provide more opportunities for treatment and wellbeing. According to the National Center for Complementary and Alternative Medicine, there has been some scientific evidence pointing toward the safety and effectiveness of this type of practice when compared to traditional Western medicine.

The NCCAM basically explains integrative medicine as “cherry picking” the best validated therapies from both areas of medical practice, creating an emphasis on getting the patient better as opposed to focusing on which type

of medicine is utilized to achieve that result. This healing-oriented practice of integrative medicine takes the whole person into account— mind, body, and spirit— and emphasizes the importance of well-being primarily, while still offering treatment options for patients who are already ill. There are some basic principles of holistic health and integrative medicine that help further explain what this method offers:

- This is a partnership between the patient and provider for the sake of healing
- The provider takes into consideration all factors that influence wellness and disease, including mind, body, spirit, and environment
- This is a philosophy that does not necessarily reject conventional medicine or accept alternative medicine, but combines the two uncritically.
- The use of natural and less-invasive procedures and treatments whenever possible
- The use of broader health concepts to promote wellbeing and prevent illness
- Training of providers can allow them to be models of total health and healing, committed to the processes of self development and exploration.
- Appropriate use of methods to facilitate healing, including both conventional and alternative medicine

Integrative medicine is particularly popular at teaching hospitals and medical academic institutions like Duke, Harvard, Yale, and even the Mayo Clinic. The focus on research is changing the face of medicine and helping drive the integrative care model into the future as the preferred method of treatment for many patients. There are a number of different therapies and treatments available from the naturopathic doctors that Phoenix AZ has to offer, as well as more than 30 years of experience in the holistic and integrative medicine fields.

Finding an Integrative Medicine Provider

There are a number of medical facilities that cater to holistic health and naturopathy. Phoenix is home to Longevity Medical Health Center, a facility that has been practicing in naturopathy for over three decades and that has been given awards for its research and treatment therapies. The clinic provides access to the most reputable naturopathic doctors Phoenix AZ has to offer, along with a variety of services and therapies for patients to choose from. Residents in the Phoenix area, as well as patients of Longevity that come from out of town, will offer insight and positive reviews of the services they have received by choosing integrative medicine at this particular clinic.

If you aren't in the Phoenix area or even if you just want a few extra tips, make sure that you are looking for a *naturopathic doctor* that can provide you with the therapies and treatments that you need. Not all facilities work with integrative medicine, and no two clinics have the exact same list of procedures and therapy options. Get to know the provider, see what services they offer, and find out what they can do for you. This is designed to be a lifelong relationship, which is why finding the right naturopathic doctor in Phoenix AZ is so critical to your success with integrative medicine.

If you want to learn more about holistic wellness and integrative care or see what therapies and services are available to you, you can visit the website of [Longevity Medical Health Center](#).

Related [Integrative Medicine Articles](#)