

dermica®
switzerland

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About Us



Welcome

Have you ever considered the option of natural healing? Or do you suffer from chronic health problems that do not respond to conventional treatments? Are you looking for a Comprehensive Center for natural healing methods where your illness can be treated individually?

- improves your quality of life
- alleviates acute and chronic diseases
- helps to cure and prevent disease
- reduces costs through avoiding unnecessary surgery and lifelong dependency on chemical treatment
- is safe and does not cause any side-effects
- is not only concerned with the symptoms of illness, but eliminates the root causes
- enables the patient to make an active contribution to the healing process

Our Services:

Medical Check-Up

Our Medical Checkup programme includes:

- Laboratory analyses
- Anti Aging Man
- Anti Aging Woman
- Screening for Cancer
- One chest x-ray
- One electrocardiogram (ECG)
- One abdominal ultrasound
- One screening for skin lesions

Our Services:

Revitalization & Rejuvenation program

- Revitalization & Rejuvenation treatment (infusions, injections, power infusion, PRP, stem cell)

Dermica offers 2 packages of therapy in out-patient multidisciplinary clinic in Luzern

Package#1

- Short 4 days program

- Include:
 - Business car transfer from / to airport
 - Translation services
 - Doctors consultations
 - Full body check-up
 - Capsule endoscopy
 - Diagnostics
 - Treatment:
Stem cell therapy and/or Platelet rich plasma
 - Post-operational check-up

Package #2

- Long program

- Include:

- Business car transfer from / to airport
- Translation services
- Doctors consultations
- Full body check-up
- Diagnostics
- Capsule endoscopy
- Detoxification from the heavy metals
- Treatment:

Stem cell therapy and/or Platelet rich plasma

- Post-operational check-up

Additional (may be included in the program): chauffeur-driven excursions, cosmetic treatments, fees for specialists or surgeons, dental checkup & care, specific check-ups, additional tests (capsule endoscopy, ergometry, mineralometry, mammogram, etc.), additional packages (weight management program, rebalancing program, hair restoration program, breast enlargement program, liver diseases programm), massages, physical therapy and personal expenses.

Accommodation

Grand Hotel National Luzern





Astoria Hotel



Renaissance





Palace Luzern





The Hotel





Mesenchymal stromal cells from Adipose tissue

Adipose tissue is the most secure and easily accessible source of autologous (own) cells with multipotent properties (able to repair any tissue) and with high potential.

In the general there is wariness of researchers in some aspects of cell therapy, methods of study and the technology of fat mesenchymal stromal cells (HBC) are constantly improved. The results of long-term clinical trials in different countries confirms the prospects of HBC for many areas of regenerative medicine.

No risk

As a source of mesenchymal stromal cells can serve many tissues of the body, from bone marrow - to the tooth pulp and the hair follicle, and technology therapeutic cloning, induction of pluripotency or transdifferentiation of cells suggest the possibility of obtaining mesenchymal stromal cells from the already specialized. Procedures for obtaining and application of mesenchymal stromal cells are rather expensive, but still major limitations introduction modern methods of cell therapy is their safety, including to, first of all, the medical aspect, as well as ethical and legal components.

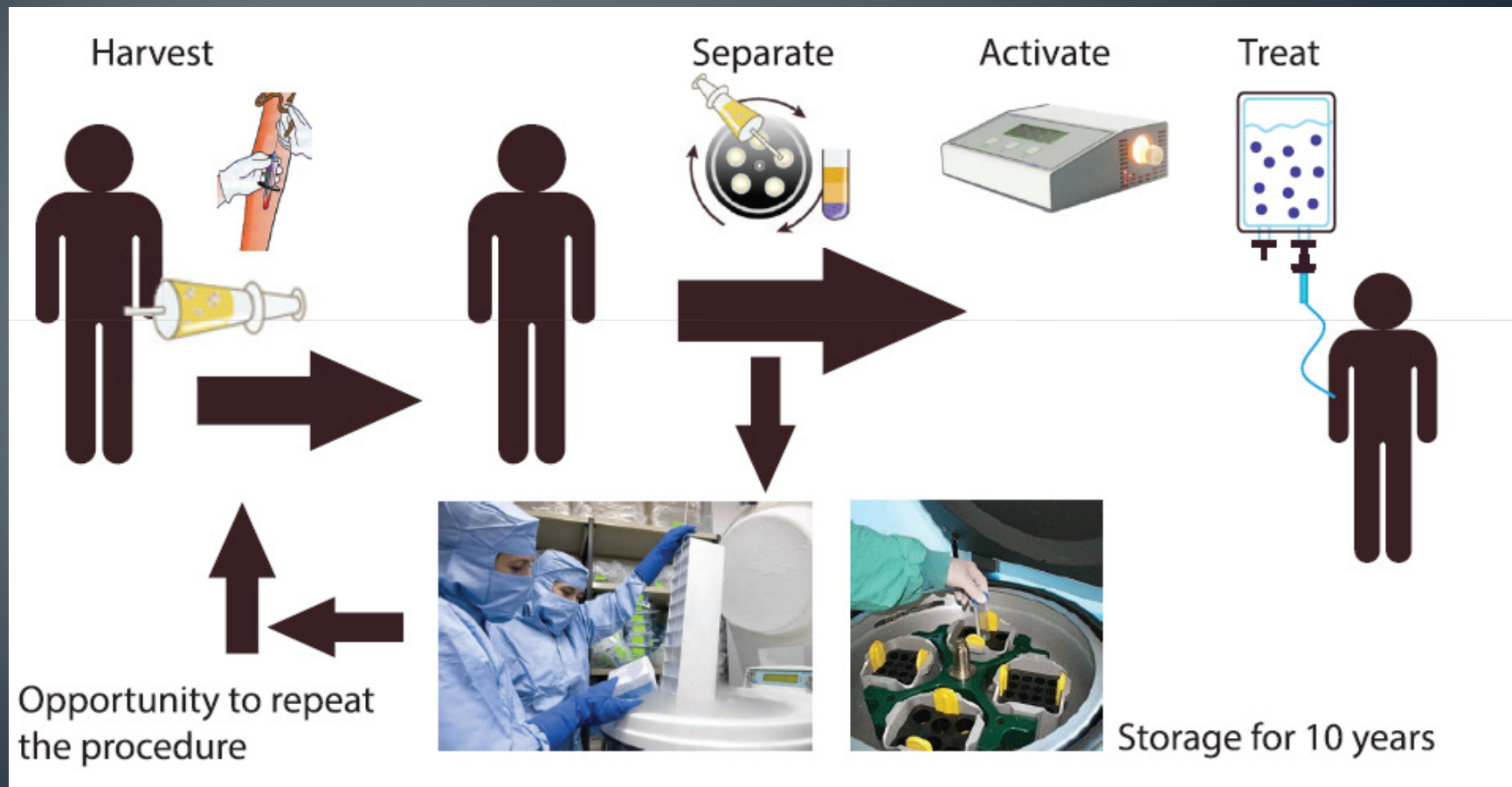
- For this reason, among a wide variety of types of mesenchymal stromal cells that offered to the clinic, in recent years the most interesting become mesenchymal stromal cells from adipose tissue.
- First, uses only its own tissues and cells, so there is no risk of infection transmissible diseases.
- Second, fully compatible with its own cells by chromosome and gene structure, and hence will not be allergic or immune conflict.
- Third, there is no risk of complications of cancer, because HBC mature enough for this, as opposed to embryonic SC, which often cause them.
- Fourth, only a small amount of adipose tissue to release the necessary amount of IC. Therefore, after activation of SC can be entered directly back to the patient without the need for growing on substance (embryonic SC are grown for several months).

Advantages of Regenerative Mesenchymal stromal Cell Therapy in **Dermica**

- Proven high results
- No side effects and rejection
- No allergic / immune reactions
- Does not require general anesthesia
- No risk of transmissible diseases
- No oncological complication
- Small quantity of fat tissues is needed
- The injection is only in a few hours



Basic procedure



Banking of the ASC

- Preserved stem cells are backup for your health. They can be used for renewing your body or reconstruct some damaged organs. The cryopreservation is high-tech procedure. After the cells are sealed in special containers for cryopreservation, starts the delicate phase of freezing. A computer-controlled machine guarantees a reliable procedure for the progressive reduction of the temperature firstly to -100°C . Then the container is immersed in -196°C cold liquid nitrogen. In this temperature we could preserve your cells theoretically indefinitely. We store up to 10 separate units for each customer, meaning that several applications are available at different times.



PRP

In Europe, and more recently in the United States, an increased trend has emerged in the use of autologous blood products in an effort to facilitate healing in a variety of applications. In recent years, scientific research and technology has provided a new perspective on understanding the wound healing process. Initially platelets were thought to act exclusively with clotting. However, we have learned that platelets also release many bioactive proteins responsible for attracting macrophages, mesenchymal stem cells, and osteoblasts which not only promotes removal of necrotic tissue, but also enhances tissue regeneration and healing. Based on this principle platelets are introduced to stimulate a supra-physiologic release of growth factors in an attempt to jump start healing in chronic injuries.

Blood Components

Blood contains plasma, red blood cells (RBC), white blood cells (WBC), and platelets. Plasma is the liquid component of blood, made mostly of water and acts as a transporter for cells. Plasma also contains fibrinogen, a protein that acts like a net and catches platelets at a wound site to form a clot. RBC helps pick up oxygen from the lungs and delivers it to other body cells, while removing carbon dioxide. WBC fights infection, kills germs, and carries off dead blood cells. Platelets are responsible for hemostasis, construction of new connective tissue, and revascularization. Typically a blood specimen contains 93% RBC, 6% Platelets, and 1% WBC. The rationale for PRP benefit lies in reversing the blood ratio by decreasing RBC to 5%, which are less useful in the healing process, and increasing platelets to 94% to stimulate recovery. Platelet Rich Plasma is defined as a volume of the plasma fraction of autologous blood having a platelet concentration above baseline. Normal platelet concentration is 200,000 platelets μ l. Studies have shown that clinical efficacy can be expected with a minimum increase of 49 this baseline (1million platelets μ l). Slight variability exists in the ability to concentrate platelets, largely depending on the manufacturer's equipment. However, it has not been studied if too great an increased platelet concentration would have paradoxical effects. The use of autologous PRP was first used in 1987 by Ferrari et al. following an open heart surgery, to avoid excessive transfusion of homologous blood products. Since that time, the application of autologous PRP has been safely used and documented in many fields including; orthopedics, sports medicine, dentistry, ENT, neurosurgery, ophthalmology, urology, and wound healing; as well as cosmetic, cardiothoracic, and maxillofacial surgery. Studies suggest that PRP can affect inflammation, postoperative blood loss, infection, narcotic requirements, osteogenesis, wound, and soft tissue healing. In addition to local hemostasis at sites of vascular injury, platelets contain an abundance of growth factors and cytokines that are pivotal in soft tissue healing and bone mineralization. An increased awareness of platelets and their role in the healing process has lead to the concept of therapeutic applications.

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