

VP Vegetal Placenta

T S R R P

World's No. 1
Substitute
for Animal or
Human Placenta



- ✓ Total Regeneration
- ✓ Total Whitening
- ✓ Lighten Pigmentation



Researched, Developed, Licensed,
Manufactured & Approved in Switzerland

Available in:

- **Normal Strength**
(A set of 10 ampoules x 4ml or 5ml)
- **Triple Strength with natural whitening effect**
(A set of 10 ampoules x 5ml)

Total Skin Rejuvenation & Revitalisation Program (TSRRP)

Vegetal Placenta - Total Skin Rejuvenation & Revitalisation Program (TSRRP) is the world's only vegetal placental extracts, enriched with stem cell bioactivators and filtered with the most advanced cellular extraction technology. Distinctively Swiss made, TSRRP is fully researched, developed, manufactured and approved in Switzerland. It adheres completely to the stringent world renowned Swiss GMP manufacturing standard and is approved by various authorities as the substitute for animal placenta extract in cellular therapy form. This new cosmeceutical range is the perfect complement to our well known MFIII VP Softgels Advanced Formula cellular regenerative oral dietary supplement.

Much like our mammal counterparts, plants do have embryos. The placenta of the plant is produced in the heart of their young buds where it nourishes the fruit of the plant during its growing stage. The plant placenta maintains a significant pool of phyto stem cells. These placenta phyto stem cells are the master cells which will divide and differentiate as they proliferate themselves to produce adequate number of cells to sustain growth or to repair tissues continuously. Dermacenta™, our unique proprietary phyto biostimulating placenta

ingredient, is extracted from cellular culture of a rare species of non-GMO (non-genetically modified) yeast plant from France. Its bioactive extract ingredient is rich in bioactivators and amino acids, particularly Alanine and Proline.

When hydrolysed by enzymes and bio-stimulins, Dermacenta™ in TSRRP is able to:

- stimulate skin stem cells regeneration
- accelerate cell growth
- protect and repair skin cells against photo-ageing and chronological ageing
- fortify immune system
- whiten skin and reduce pigmentation and wrinkles
- provide internal sun-shield
- detoxify harmful foreign compounds and carcinogens
- heal wounds
- reduce inflammation
- restore vitality
- promote anti-ageing properties

The result — A Total Rejuvenated and Regenerated You with radiant, fine and youthful skin.

Dermacenta™ vegetal placenta (VP – scientific code 511573) is prepared using vegetal placenta and tissue from plants at its earliest stage of life. The yeast cells are extracted using our proprietary cold-extraction

Celluxinis™ proteolytic enzyme technology. Our scientists who developed this unique extraction technology is the same biotechnologists and biochemists who pioneered and developed the successful 'Lucchini' brand, the world's largest manufacturers of Human Placenta manufactured in Switzerland in the 80's and 90's. The technology profile is achieved via a super ultra-filtration system to extract the precious phyto DNA Cellular components in its purest form. This unique process is able to preserve the placenta's highly bioactive properties as it does not involve any form of heating. This is in contrast to all other placental brands in the market where intense heating of 125-185°C is involved in lyophilisation processes in order to reduce the placenta into dried powder form. Lyophilisation destroys the cellular structural walls of the membrane as it involves sudden vacuum pressure suction.

Equilibrium — the science of balance and equality

Proteins such as collagen, elastin and others are linked with macro-molecules such as glycoaminoglycans to form the extracellular matrix (ECM) components of all solid body tissues e.g. cartilage, the fibrous sheaths of muscles, tendons & ligaments and the dermal layer of our skin. These ECM components are in constant renewal or turnover — a process based on the equilibrium between synthesis and degradation at a cellular level.

Collagen fibers are synthesized by cells such as skin fibroblasts. In addition to their anabolic activity, chondrocytes and fibroblasts also produce and secrete enzymes known as collagenase or matrix metalloproteinase (MMPs). MMPs are endopeptidase subfamilies and represent a special class of enzymes that target and cleave the fibrous proteins of the ECM that hydrolyse extracellular proteins especially collagens and elastins. By regulating the integrity and composition of the matrix with TSRRP, these enzymes play a pivotal role in cell behaviors such as proliferation, migration, differentiation, angiogenesis, apoptosis and host defense. MMPs also have an important role in tissue remodelling throughout the body and are responsible for breaking down and reforming body tissue and getting rid of body waste.

MMPs actions have been implicated in tissue and wound healing, reduce inflammation, stimulate and restore vitality. All MMPs are synthesized in the latent form. They are secreted as required extracellular activation. Most are activated when cleaved by extracellular proteinases. In addition to their role in maintaining the integrity of the skin and other tissues, MMPs have also been shown to be involved in angiogenesis (growth in new blood vessels) thus, assisting in wound healing. Almost paradoxically, chondrocytes and fibroblasts also produce inhibitors of MMPs. These inhibitors are important in

restraining the degradative action of MMPs. A balance must therefore exist between these two opposite cellular activities in order to maintain or restore tissues matrix integrity.



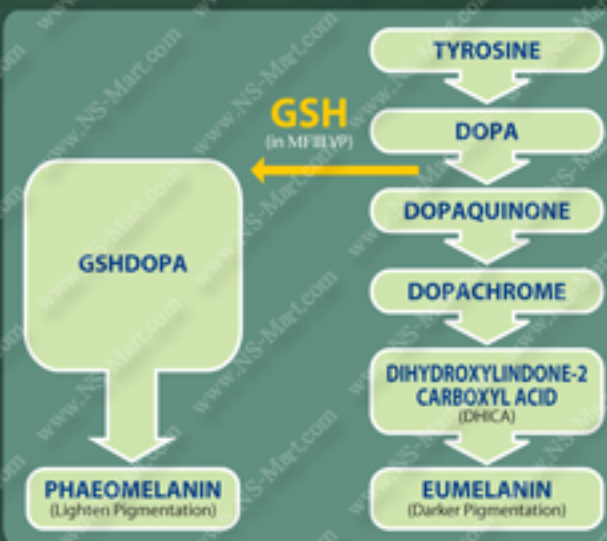
The human body contains some four trillion cells, all of which recycled through multiple cycles of division. This process of cellular renewal continues throughout life, as old and weak cells are replaced by new ones. However, as we grow older, this process begins to slow down. Age-related degradation of the extra-cellular matrix is closely associated with skin wrinkling and sagging. The effects of age-related diseases increase the activity of MMPs are most visible on the skin. Improper nutrition, over consumption of processed sugar, heavy smoking, excessive alcohol consumption, stress and pollution all add to further suppress this renewal process. Hence, the balance between the cellular regeneration and degradation become disrupted. With TSRRP, this equilibrium can be re-established

and maintained by reinforcing the necessary ECM components and regulating the matrix metalloproteinases (MMPs) activities.

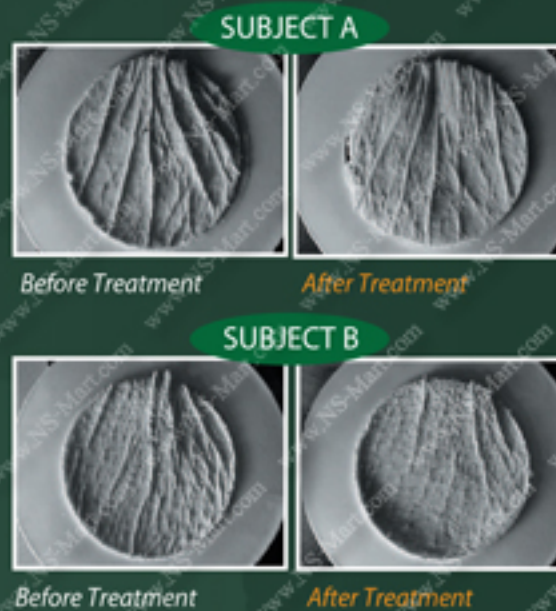
CHART OF COMPARISON BETWEEN VEGETAL AND HUMAN PLACENTA

Ingredients	Vegetal Placenta	Human Placenta
Proline- hydroxyproline couple + Aspartic acid	817	243
Diamine acids	128	79
Sulphur amino acids	>13	18
Leucine/isoleucine couple	119	68

The GSH factor in MFIII TSRRP GSH is a major antioxidant which helps protect cells from reactive oxygen species such as free radicals and peroxides. GSH also attacks poisonous conjugate acceptors. It detoxifies foreign compounds and carcinogens. Most importantly, GSH has shown positive preliminary results in several studies of its ability to affect levels of reactive oxygen species which may have implication in the reduction of cancer rates. In addition, it plays a fundamental role in numerous metabolic and biochemical reactions such as DNA synthesis and repair, amino acid transport and enzyme activation. GSH is also essential for the immune system to exert its full potential.



Imprinted silicones showing MFIII Total Skin Rejuvenation & Revitalisation Program (Vegetal Placenta) before/after 3 weeks



For optimum results:
Users of TSRRP can compliment themselves with MFIII VP Softgels Advanced Formula cellular regenerative oral dietary supplements



MFIII of Switzerland VP TSRRP remains the only placenta brand which can be approved in any countries of the world today without any concern of ethical or moral issues.

In order to achieve the highest possible quality in our products, our manufacturing steps are performed strictly in accordance with the current provisions for Swiss Good Manufacturing Practice (GMP).

MFIII of Switzerland remains the only placenta brand in the world to successfully obtain the prestigious USA FDA USDA certification with legal importation to USA.



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Please contact your local authorised MFIII agents and dealers regarding information on product sales and promotion.

For more general information and resource of MFIII products, please visit our official website at www.mf3.ch

www.mf3.ch
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