



SWISS MADE



EN

hydroforTM



swiss4med

Method

Hydroelectrophoresis, the market leader in transdermal vehiculation techniques, has been applied over the last 15 years by numerous medics in the fields of aesthetic and analgic mesotherapy, dermatology, aesthetic medicine, orthopaedics, traumatology, rehabilitation and pain therapy with excellent results. The method consists in combining one or more active substances - medicines - (that may be in a liquid, powder, capsule or tablet form) in a special gel (**hydro4gel™**) with the aim of maintaining the molecules of the active substances in a suspension. A patented specific electromagnetic wave equation dispensed by the device will come into contact in a special polarization chamber (ROLL-ON) with the gel containing the active substances, capturing the latter and transporting them through the intact skin to a depth previously set on the device, ranging from a few millimetres to more than 10 centimetres, without damaging the skin, and therefore removing any possibility of complications associated with injections.

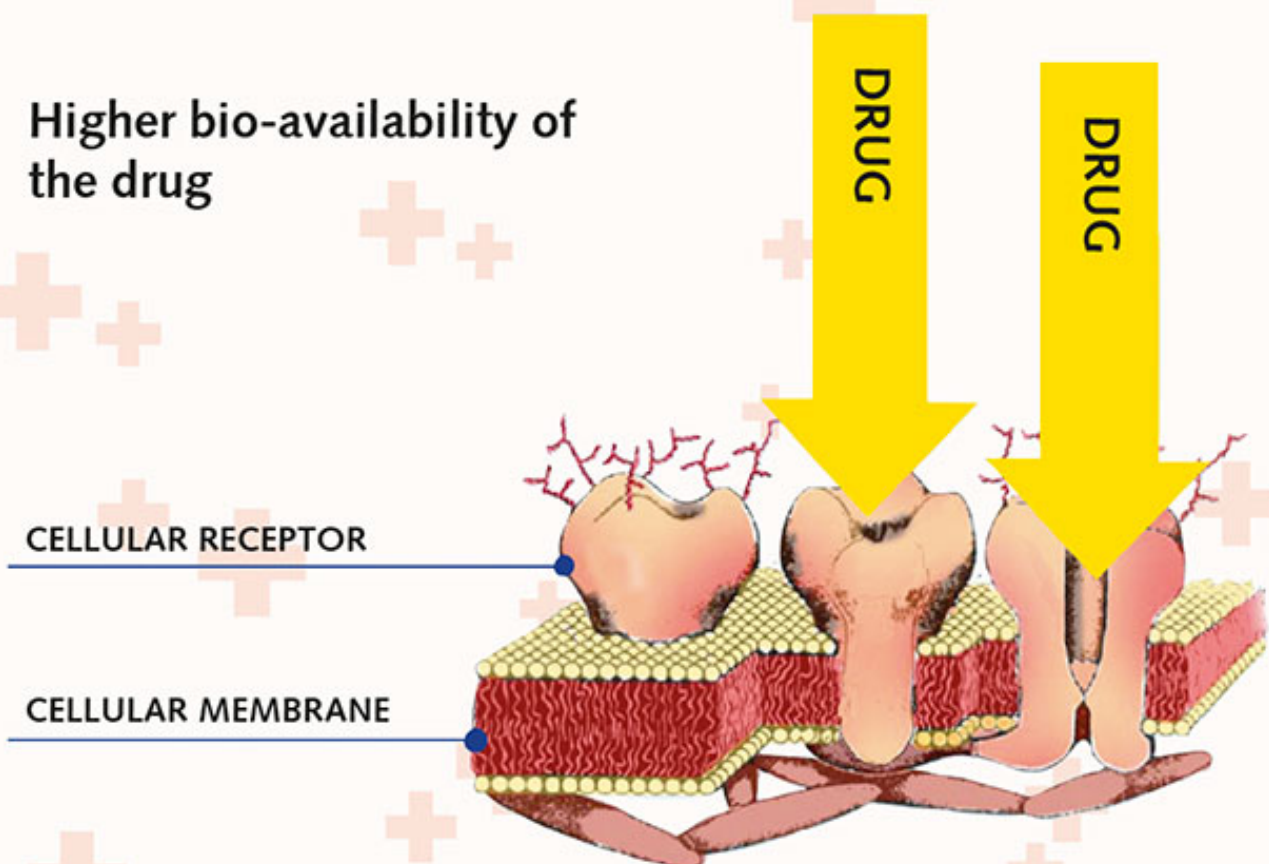
The aim is to transport the active substances into the interstitial cells, thereby creating a tangible pharmacological reserve. The cell receptor will subsequently introduce the active substance into the cell. An immediate therapeutic response is thus achieved - as the medicinal product reaches the affected site more rapidly - combined with a local, non-systemic action that markedly limits the onset of secondary effects of the medicinal product. Moreover, use of this method enhances the bioavailability of the medicinal product.

Practicable Medicinal Products/Active Substances

All medicinal products and active substances are suited for use, as long as they are water soluble, as they will be need to be combined with the special gel (**hydro4gel™**), irrespective of their formulation which, as mentioned previously, may be a liquid, powder, capsule or tablet form.

This aspect will allow you to use the medicinal products and active substances that you have previously tested and trust.

Higher bio-availability of the drug

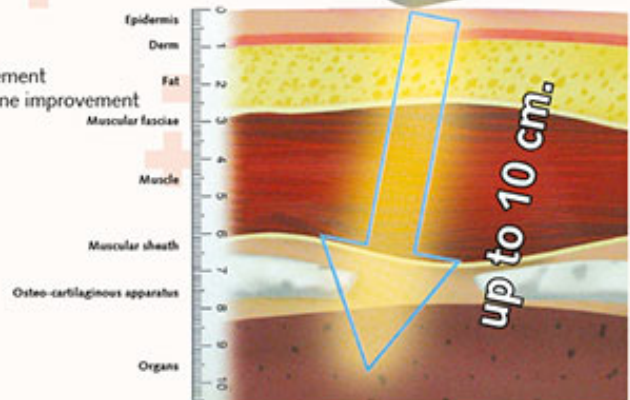


Fields of Application

This method lends itself to a vast number of fields of application, particularly due to the fact that the type of medicinal product to be used is identified on the basis of the condition to be treated. It should be underlined that this method implies the use of chemical treatment: the therapeutic action is produced by the medicinal product. The electric waves emitted by the device do not exert a therapeutic action – as, for example, in the case of electrostimulators – but merely serve to transport the molecules.

The main fields of application are:

- Chronic and acute neuropathic pain
- Chronic enthesopathy
- Epicondylitis humeri radialis
- Epicondylitis humeri ulnar
- Plantar fasciitis
- Fibromyalgia
- Physiotherapy
- Phlebology
- Fractures
- Severe dermal-muscular hypotonia
- Bones, cartilage injury and fractures
- Lymphedema
- Primary and secondary lymphedema
- Orthopedy
- Osteomyelitis
- Osteoporosis pain
- Tibial periostitis (medial tibial stress syndromes)
- Acute and chronic skin sore
- Bed sore
- Superficial pseudoarthrosis
- Athletic pubalgia (sports hernia)
- Rheumatology
- Rehabilitation
- Medial tibial stress syndromes
- Carpal tunnel syndrome
- Peyronie's disease
- Trochanter major pain syndrome
- Subacromial pain impingement (Shoulder impingement syndrome)
- Heel spurs
- Calcific tendinitis of the shoulder
- Medial Achilles tendinopathy
- Insertion Achilles tendinopathy
- Patellar tendinopathy
- Chronic and acute stages pain therapy
- Antibiotic therapy
- Anti-inflammatory & Anti-edematous therapy
- Pain management
- Neuromuscular pain therapy
- Osteoarticular pain therapy
- Muscular tone improvement
- Chronic and acute muscular trauma
- Trigger point
- Acupuncture trigger point
- Acne
- Localized adiposity
- Anti-aging
- Draining action
- Capillary
- Surface venous insufficiency cellulitis
- Fibrotic cellulitis
- Lymphoedema cellulitis
- Keloid
- Chloasma
- Couperose
- Dermatology
- Pigmentary dermatosis
- Fibrosis
- Derma-functional physiotherapy
- Gynecomasty
- Face diffuse hyperchromia and acne
- Skin hyperpigmentation melanin origin
- Breast hypotonia
- Severe dermal-muscular hypotonia
- Lymphedema
- Spots
- Aesthetic medicine
- Melasma
- Blepharoplasty post-surgery
- Lifting post-surgery
- Liposuction post-surgery
- Rhinoplasty post-surgery
- Breast implant capsular contracture (Baker scale 1-4)
- Wrinkle
- Stretch marks
- Telangiectasia
- Muscular improvement
- Post-cavitation tone improvement
- Trichology

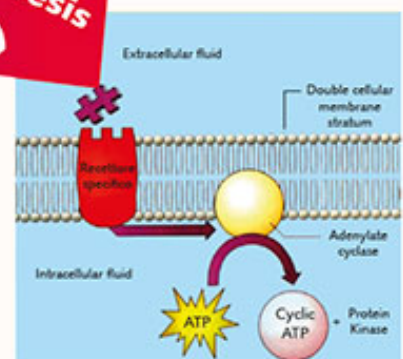


Hydroelectrophoresis

Complete anchor

Advantages of the Method

- Marked decrease in the adverse effects produced by the medicinal product
- Certainty that the active substance will reach the affected site
- Longer duration of pharmacological action
- Remarkable speed of action
- Higher local concentration of the medicinal product
- Lower quantities of the medicinal product required
- Optimisation of the cost-benefit ratio of the therapeutic action





SWISS MADE



SWISS QUALITY



Technical Specifications

Medical Device Class

IIb (all. IX 93/42/CE)

Power Supply

100-240V~/50-60Hz

Absorbed Power

55 VA

Equipment Protection

N. 2 fuses 1A

Wave Shape

Sinusoidally Modulated Packages

Output Frequency

0 - 2000 Hz

I_{max} peak

75mA

Insulation Class

Class I

Protection Against Direct or Indirect Contacts

IP X0

Type of Equipment

BF

Equipment Dimensions

170,4 x 348,6 x 300 mm.

Net Weight

Kg. 8.5



Swiss4med SA

Viale Serfontana, 17

6834 Morbio Inferiore – Switzerland

Tel. +41 91 683 29 26 - Fax +41 91 683 29 27

info@swiss4med.ch – www.swiss4med.ch

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV ISO 9001:2008 – 13485:2012