

Neurysoll Matrice

reduces the neuropathic pain

Causes:

CANALICULAR SYNDROMES



PELVIC CHRONIC PAIN



TRIGEMINAL NEURALGIA



COCLEOPATHY



IT WORKS ON

NEUROVASCAL INFLAMMATION
AND IMPAIRMENT OF MICROCIRCULATION

Niacin
54mg

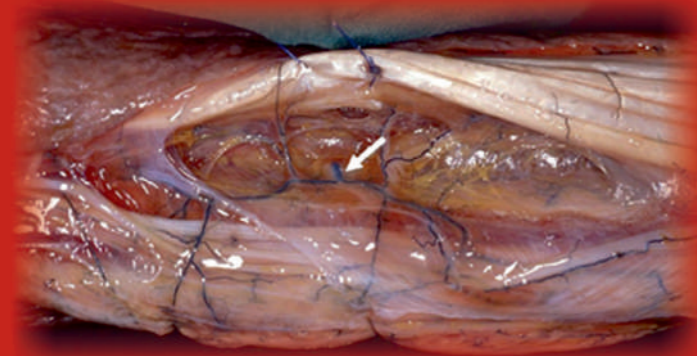
Bromelain
150mg

Boswellia
Serrata
200mg

Ac. Folic
100mcg

Vit. B1
Vit. B2
Vit. B6
Vit. B12

Vit. D3



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- Effective complete and safe
- 36 bst
- It does not contain lactose and gluten
- Take 1-2 envelope/day, away from meals

Bibliography

- 1- Rui Zang et al., Neuroprotective effects of pre-treatment with L-Carnitine and Acetyl-L-Carnitine on ischemic injury in vivo and in vitro, 2012, Int. Journal Mol Sciences, 13, 2078-2090
- 2- P.M. Abdoul Muneer et al., inhibitory effects of alcohol on glucose transport across the blood barrier leads to neurodegeneration: preventive role of Acetyl-L-Carnitine, Psychopharmacology, April 2011, 214(3): 707-718
- 3- Memeo A. et al. Thiolic acid and acetyl-L-carnitine in the treatment of sciatic pain caused by a herniated disc: a randomized double-blind, comparative study. Clinic drug investing. 2008;28(8): 495-500
- 4- Sima AA et al., Acetyl-L-Carnitine study group. Acetyl-L-carnitine improves pain, nerve regeneration, and vibratory perception in patients with chronic diabetic neuropathy. Diabetes care. 2005, 28(1): 89-94.
- 5- Lapi D. et al. Protective effects of Quercetin on rat pial Microvascular Changes during Transient Bilateral Common Carotid Artery Occlusion and Reperfusion. Font Physiol.. 2012 Mar 1;3:32
- 6- Dajas F. et al., neuroprotection by flavonoids, Brazilian Journal of Medical and Biological Research (2003) 36 ; 1613-1620
- 7- Brien S. et al., Bromelain as a treatment for osteoarthritis : a review of clinical studies ; Evid Based Complement Alternat med. 2004 Dec; 1(3): 251-257
- 8- Pavan R. et al., Properties and therapeutic application of bromelain : a review; Biotechnol Res Int. 2012; 2012 : 976203
- 9- Berman M, Erman A, Ben Gal T, et al. Coenzima Q10 in pazienti con insufficienza cardiaca in attesa di trapianto cardiaco: uno studio randomizzato, controllato con placebo. Clin Cardiol 2004; 27 (5) :295-299.
- 10- Burke BE, Neuenschwander R, Olson RD. Randomizzato, in doppio cieco, controllato con placebo di coenzima Q10 in ipertensione sistolica isolata. South Med J 2001; 94 (11) :1112-1117.
- 11- Hodgson JM, GF Watts, Playford DA, et al. Coenzima Q (10) migliora la pressione sanguigna e controllo glicemico: un trial controllato nei soggetti con diabete di tipo 2. Eur J Clin Nutr 2002; 56 (11) :1137-1142.
- 12- Langsjoen H, P Langsjoen, Langsjoen P, et al. Utilità del coenzima Q10 in cardiologia clinica: un studio a lungo termine. Aspetti Mol Med 1994; 15 Suppl: S165-S175.
- 13- Miyake Y, Shouzu A, Nishikawa M, et al. Effetto del trattamento con 3-idrossi-3-metilglutaril coenzima A ridotti sul siero coenzima Q10 nei pazienti diabetici. Arzneimittelforschung 1999; 49 (4) :324-329.
- 14- Morisco C, Trimarco B, Condorelli M. Effetto del coenzima Q10 terapia nei pazienti con insufficienza cardiaca congestizia: a lungo termine uno studio multicentrico randomizzato. Investig Clin 1993; 71 (8 Suppl): S134-S136.
- 15- Rosenfeldt FL, Haas SJ, Krum H, et al. Coenzima Q10 nel trattamento dell'ipertensione: una meta-analisi degli studi clinici. J Hum Hypertens 2007 Apr; 21 (4) :297-306. Singh RB, Wander GS.
- 16- Rastogi A, et al. Randomizzato, in doppio cieco controllato con placebo di coenzima Q10 nei pazienti con infarto miocardico acuto. Droga Cardiovasc Ci 1998; 12 (4) :347-353.

Neurysoll Matrice

A.L.A. MATRIS
L-AC. CARNITINA
BOSWELLIA
BROMELINA
NIACINA
Co Q10
VIT B
AC. FOLICO
VIT D3

Reduces

PAIN NEUROPATHIC

THE MOST POWERFUL ENSEMBLE WITH HIGH
BIOAVAILABILITY ALPHA LIPOIC ACID. MC BYOCARE

BY M.C.BYOCARE



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reduces the neuropathic pain

Causes:

SCIATICA

PAIN IN THE CERVICAL VERTEBRAE



COMPRESSIVE RADICULOPATHY



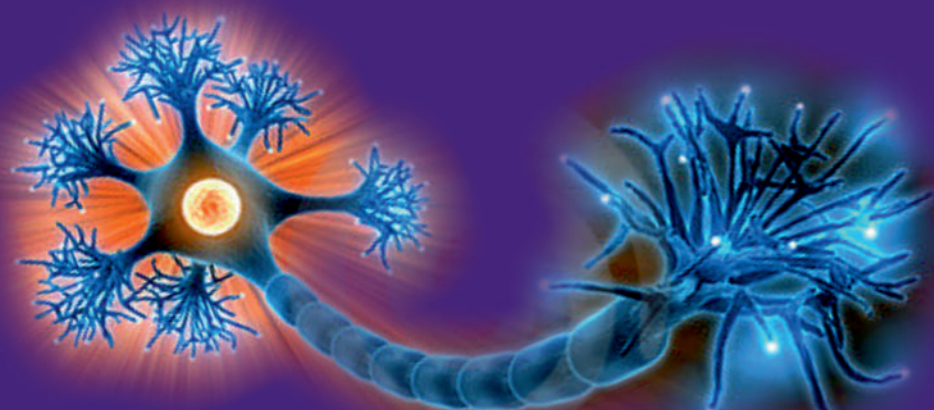
PARAESTHESIA AND DIABETIC NEUROPATHY



CHEMOTERAPY AND RADIOTERAPY

IT WORKS ON NERVE PAIN

Alpha Lipoic Acid Matris®
600mg
The highest bioavailability because it goes through the gastrointestinal tract without being degraded.



Co Q₁₀
50mg

L-Ac. Carnitine
500mg

Neurysoll Matrice

reduces the neuropathic pain

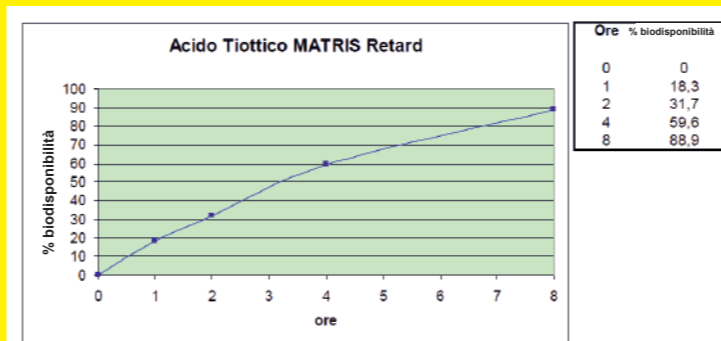
MULTIMODAL NUTRACEUTICAL INTEGRATION

The scientific rationale of NEURYSOLL MATRIX is the MULTIMODAL NUTRACEUTICAL INTEGRATION, scilicet to make daily benefits of "ALA" (the pharmaceutical form that is as bioavailable and as effective as possible), but, simultaneously to bring an array of active ingredients that have shown clinically, with scientific studies, to **improve endothelial dysfunction** that is, the hemorheology, the antithrombin, and anti-inflammatory action and to decrease the thickness of the average order (and therefore elastic) of the arteries; all this in order to allow a blood supply (and of these components themselves) higher even in the arteries of smaller thickness (heart, eye, kidney, brain) and in the vasa nervorum that surround and oxygenate the nerves.

ALPHA LIPOIC HIGH BIOAVAILABILITY ACID

M. A. T. R. I. S.®
Multiform Administration Timed Release Ingredients System

Single matrix for the administration of modified-release active ingredients.



A study on the use of ALA in diabetic patients already treated with gabapentin is of particular interest as it demonstrates how treatment with ALA can reduce the need for central analgesics to the point of eliminating over five years of treatment, often burdened by important problems of tolerability (Ruessmann et al 2009).

ALA inhibits the expression of adhesive molecules (VCAM-1) at the endothelial level reducing the adhesion capacity of monocytes and macrophages and reducing their activation (Lee et al 2012; Sola et al 2005). Recently it has given surprising results in DECREASING THE PROGRESSION OF MS.



ALA is also currently the only active ingredient that has been shown to have a positive effect on AUTONOMIC CARDIAC NEUROPATHY IN DIABETIC PATIENTS. (DEKAN Study).

Diabetes Care. 1997 Mar;20(3):369-73.
Effects of treatment with the antioxidant alpha-lipoic acid on cardiac autonomic neuropathy in NIDDM patients. A 4-month randomized controlled multicenter trial (DEKAN Study). Deutsche Kardiologie Autonome Neuropathie.
Ziegler D¹, Schatz H, Conrad F, Gries FA, Ulrich H, Reichel G.

... and improves the picture of endothelial dysfunction

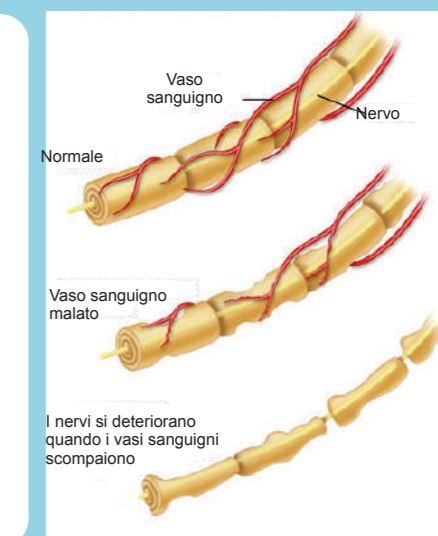
• L-ACETYL CARNITINE

The well-established use of acetyl-L-carnitine- in the world of nutritional supplementation is largely justified by its complex biological role.

Has proved useful in:

1) Supporting the synthesis of important neurotransmitters such as acetylcholine, whose metabolism is seriously compromised in many neuro-psychiatric pathologies;

2) Control the normal cellular turnover, and in particular, the apoptosis of the nervous cells, protecting them, moreover, from the damaging action of the reactive oxygen species; In this therapeutic context, it must be said that acetyl-L-carnitine improves neuronal regenerative processes.



• BOSWELLIC ACID

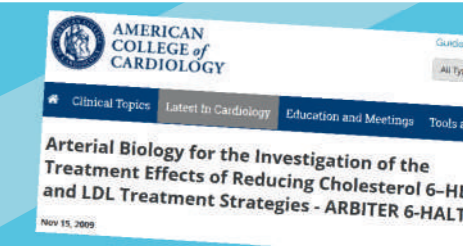
The therapeutic properties of Boswellia serrata that we can exploit to our advantage regard the anti-inflammatory and regulatory effects of the endothelial function, pain relievers and anti-edemakens that are substantially explained by two different mechanisms of action.

- The first concerns the **inhibition of 5-lipoxygenase (5-LO)**

- The second therapeutic activity exerted by boswellic acids concerns the **inhibition of the migration of leukocytes** (white blood cells) and of **ELASTASE**. The elastase produced by these cells is a proteolytic enzyme that serves to separate the collagen and therefore the structure of the soft tissues involved in the inflammatory process. In this way, the leucocytes "make their way" to be able to reach the place affected by the infection.

• NIACIN (VIT B3)

Vascular and antithrombotic anti-inflammatory and improving the health of the arteries



• FOLIC ACID (VIT. B9)

In recent years folic acid has risen to the fore also for its ability to counteract the negative effects of **homocysteine**, an amino acid that, when it is present in excess in the bloodstream, causes similar damage, if not even higher, to that hypercholesterolemia.

• CoQ10

Coenzyme CoQ10 is used successfully: in the **prevention and management of neurodegenerative diseases**. in the prevention of cell aging. The potent antioxidant role of coenzyme CoQ10, effective in controlling the **peroxidation of membrane lipids and atherogenic LDL-cholesterol particles**, seems to be the main focus on which its clinical use insists. (9-16)

• VIT.B PANEL

Interaction widely used in the improvement of cellular and tissue metabolism, primarily neuronal.

• Integration of Vit D3 particularly indicated in elderly and menopausal women.