

NeuroSupport

Diagnostics Medicines Nutrition Cosmetics





• Brain + spinal cord + peripheral nerves



- Shark brain to body weight: 1/2496
- Elephant brain to body weight:1/560
- Dog brain to body weight: 1/125
- Cat brain to body weight: 1/100
- Human brain to body weight: 1/40
- Mouse brain to body weight: 1/40





- Mechanical damage, injury, crushing, disruption, other
- Damage due to oxidation process and free radicals

BRAIN high susceptibility to damage results from:

- 1. High content of unsaturated fatty acids
- 2. Intensive aerobic metabolism
- 3. Relatively low activity of antioxidant enzymes
- 4. Neural structure disadvantageous surface to volume ratio





- Impairment, paresis, sensory disturbances and their consequences
- Cognitive disorders, behavioural changes, sleep and daytime activity disorders, other than those resulting from dementia and/or neurodegenerative changes







- Natural antioxidants in the form of plant extracts
- Natural substances with anti-inflammatory and regenerative effects
- Natural substances stimulating regeneration and supporting cognitive processes (DHA acid)
- Rich vitamin composition (B-complex, A,C, E)
- Minerals and amino acid with antioxidant potential: Se, Zn, Taurine







- Fish oil DHA acid source
- Grape extract Vitis vinifera source of polyphenols
- Acerola fruit extract *Malpighia grabla* source of vitamin C
- Extract from green tea leaves Camellia sinensis source of catechins
- Turmeric rhizome extract *Curcuma Longa* source of curcumin
- Beta-carotene
- Extract from the flowers of Mexican marigold Tagetes erecta source of zeaxanthin
- Group B vitamins: B1, B3, B5, B6, B12
- Vitamin A, E, biotin
- Taurine
- Folic acid
- Selenium and zinc
- Soya lecithin





- Support and protection of natural cellular mechanisms:
 - peroxide dismutase SOD;
 - glutathione peroxidase GPx;
 - catalases CAT
- Neuron antioxidant support and protection
- Supporting the proper functioning of the neuron
- Support for neuron regeneration after damage
- Microcirculation support at the damage location





- neuroprotection and regeneration support after sciatic nerve damage (cutting; crushing) on the model of mouse and rat
- B group vitamins, Zn, Se, folic acid, curcumin, catechins (EGCG)

Curcumin/mouse results:

 in mice, stomach-feeding:
20 and 40mg/kg/day of turmeric ensured better regeneration of the sciatic nerve after the injury than the use of dose:10 mg/kg/day

EGCG/rat results :

- 4 weeks after surgery and administration of 50mg/kg; *ip*: significant increase in SOD, CAT in treated rats;
- increased nerve survival after severing;
- effective protection against retrograde apoptosis;
- at crushing reduction of peripheral nerve degeneration by neurotrophic effects



Zhao L, Cui S. Curcumin improves sciatic nerve regeneration by up-regulating S100 expression in mice. Biomed Res. 2016;27(2):322–7.

Kian K. I WSP.: Neuroprotective effects of (-)-epigallocatechin-3-gallate (EGCG) against peripheral nerve transection-induced apoptosis. Nutr Neurosci. 2017:1–9. Renno WM i sp.: (-)-Epigallocatechin-3-gallate (EGCG) attenuates peripheral nerve degeneration in rat sciatic nerve crush injury. Neurochem Int. 2013;62(3):221–31.





- Antioxidant complex: vitamin E, vitamin C, DHA, EPA, lipoic acid, L-carnitine and dried fruit and vegetables used for 2 months.
- Results: IMPROVEMENTS in terms of
 - 1. disorientation,
 - 2. sleep disorders,
 - 3. daily activity disorder,
 - 4. disorders of relations with humans
 - 5. active training at home

• Antioxidant complex used for 6 months.

- The result:
- 1. increased antioxidant activity,
- 2. reduction of protein damage due to free radicals
- 3. amyloid deposition reduction

Pop V, Head E, Nistor M, et al. Reduced Ab deposition with long-term antioxidant diet treatment in aged canines. Program No. 525.4. 2003 Abstract Viewer/Itinerary Planner. Washington, DC: Society for Neuroscience; 20





Dodd C, Zicker SC, Jewell DE, et al. Effects of an investigational food on age related behavioral changes in dogs. Paper presented at the Hill's European Symposium on Canine Brain Ageing. Barcelona: Spain; 2002



NeuroSupport -CONCLUSION



19 active substances



Wide spectrum of protection and regeneration



Easy and convenient administration









SKU	Name	PCS BOX	EAN (product)	Price EUR	Price USD
SNEUROS45	NeuroSupport (45 kaps. toff)	20	5902414203778		

