

FARMACIA LEGNANI



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Selected Products for Autistim Spectrum Disorders

All the following products don't contain gluten, casein, milk, soy, sugar, yeast flavors , artificial coloring and preservatives

They are also useful for patients with various neurological diseases, patients needing detoxification and chelation and for allergic and very sensitive atients.

FARMACIA LEGNANI

ASD patients are often similar but always very different, so identifying the special need of any child or kid is extremely important and the first difficult step of the biomedical treatment. Farmacia Legnani helps doctors and patients as leading specialist in compounding the special formulas useful for the special need of the sensitive patients. We use only high quality raw, our pharmacists have received extensive additional training in compounding techniques and regular updates .

INJECTABLES medications

Preparation of these specialized medications requires high-tech equipments, we are the one to get it in Milano. Our laboratory, was built as request by Italian laws and rules , in order to satisfy various requests, compounding medicines in any pharmaceutical shape: injectables, nutritional and herbal integrators, herbal extracts, hydro-alcoholic tinctures and homeopathic remedies.

Inside our laboratory we have a sterile room in which we provide all the compounds in order to guarantee to our patient the utmost of safety.

The injectables medications , after the formulation, are submitted to a sterility test to assure pyrogens' absence.

Furthermore we have also a support laboratory network that check product's sterility before package and before sale.

We have been the first in Europe to produce Methyl B12 Vitamin in injectable solution. Its usage must be recommended by the medical practitioner by patient's weight, so that the dosage could be very personalized. It is also provided in a 5 syringes packs (sterile bag) to assure the best safety.

CHELATING AGENTS

The chelating range encloses all the chelating's molecules in a transdermal, oral, e.v. and suppository form to allow the maximum opportunity for a therapeutic choice.

We have also the special natural chelator TTFD (tetrafurfuryldisulphide) as transdermal cream.

We also provide products sustaining and helping chelating therapy process and several products that help our body to maintain detoxification after having got it.

We also get special phospholipids like phosphatidilcoline, useful for maintaining well functioning brain cell membrane and helping liver detoxification.

ORALS medications

We have many supplements of our original formulation, useful also for ASD patients They are all free of casein, gluten, soy, wheat, corn, milk, sucrose, artificial colours, preservatives and yeast; they are made to be compliant with the ASD diet and are also appropriated for very sensitive people.

Customized Vitamins and Minerals compound for individual supplementation are prepared on doctor's request.

METHYL B-12 vitamin – pre-filled syringes

Methylcobalamin is a form of B-12. Vitamin B12 comes in several forms but only the methyl form is used in the central nervous system. Cyanocobalamin (the form used in vitamin supplements) is converted by the liver in methylcobalamin but not in therapeutically significant amounts. Vitamin B12 deficiency is caused by a wide range of factors as poor intestinal absorption, lack of calcium and heavy metal toxicity. Adequate levels of B12 are needed to protect nerve tissue and myelin sheaths. Along with Trimethylglycine (TMG) and folate, MB12 helps to convert homocysteine to methionine. It is well known that ASD patients have poor methylation, a crucial biochemical process for the transcription of DNA. Studies of the Northeastern University of Boston show the importance of MB12 for the "attention". In ASD patients injectable Methyl-B12 increases concentration, understanding, learning, speech, whole body energy.

Methylcobalamin is the most powerful tool for ASD patients, it also benefits patients with various neurological diseases and learning disabilities.

Ineffective by mouth, it is available as injectable solution, for subcutaneous shots, absolutely painless.

We prepare also MB12 solution for nasal spray, useful for selected patients

MB-12 syringes are sold in a sterile bag containing 5 pre-filled syringes, according to dosage to patient's needs and practitioner's prescription. Price per syringe is always the same even if the quantity changes.

MB-12 nasal spray is sold as a solution containing 125mg/ml of vitamin

Transdermal TTFD

TTFD, also known as Allithiamine, is the synthetic form of natural garlic extract, a sulphurated B1 Vitamin. It is able to bind to the cell membrane providing B1 Vitamin directly to the cell; at the same time the sulphurated extremity binds a Heavy-Metal molecule and they all are thrown away by skin, kidney, and gastrointestinal tract.

It is absolutely safe, not toxic and especially suitable for everybody.

SUGGESTED DOSAGE:

Children under 3 years: massage on ankles 1 ml of cream

Children 3 - 6 years: 1 ml of cream/twice a day

Children over 6 years: 1,5 ml of cream/twice a day

TD TTFD is sold in tube of 50 g.

Transdermal Calcium EDTA , Calcium EDTA Suppository

Calcium-disodium EDTA, also indicated as Calcium EDTA is a powerful chelating agent. To help the special need of ASD patients it has been formulated by Farmacia Legnani in a line of Calcium Disodium EDTA, the

form of EDTA appropriated for ASD patients, that consists in TransDermal cream and Suppositories.

A different form of EDTA, sodium-EDTA, has been widely used since years as vascular disease remedy for it chelates calcium, removing partially vessel's plaque. It is important to know that its effects of this molecule are very different and that its use by ev in children is forbidden

TD-Ca/Disodium EDTA is available by a kit for personalized program, according to patient's need and practitioner's prescription. EDTA Suppositories are available in a package of 6 .

Transdermal ZINC SULPHATE

Zinc is present in every cell in the body and is also a component in over 200 enzymes as well. Actually, Zinc involved in more enzymatic reactions than any other mineral constituent in mammals.

Farmacia Legnani's Zinc Sulfate is a soft, creamy and well absorbed emulsion. It is useful also in acne treatment

TD Zinc Sulfate is sell as a cream of 50 g.

Transdermal , Injectable GLUTATHIONE

Glutathione is the strongest detoxification agent, it is formed by 3 amino acids: cysteine, glutamic acid and glycine. It is not properly absorbed by gastrointestinal tract, Transdermal cream form provides the best absorption by the body; Farmacia Legnani also provides Glutathione in an injectable solution for personalized programs of nutritional supplementation and used during chelating therapy.

TD Glutathione is sell in a lotion of 40 g; injectable Glutathione is available in different concentration.

Transdermal DMSA–DMSA Tablets and Suppository

DMSA is the most widely chelating agent used in the treatment of ASD patients and it is the one for what we have a large experience.

TransDermal form offers the possibility to avoid fungal disbiosis, the frequent collateral effect of oral DMSA

Farmacia Legnani provides a personalized kit by patient's weight and medical prescription; as well, cps are also available, in a personalized kit program as well.

TD DMSA is sell in a kit for a personalized program, according to patient's need and practitioner's prescription. DMSA Tablets is sell in a package according to patient's need .

Transdermal DMPS - DMPS Suppositories

DMPS is a well known chelating agent, promoting heavy metal's elimination by kidney. DMPS Transdermal lotion is a proper combination of 2-3-dimercaptopropane-1-sulfonate and glutathione which support detoxification.

Farmacia Legnani can also provide it, for a best therapeutically choice, in suppositories form.

TD DMPS/Glutathione is sell in a lotion of 40 g; DMPS Suppositories are sell by personalized dosage according to patient's needs.

PHOSPHATIDILCOLINE Powder - Injectable

Membrane's integrity is very important for cellular function: PC consists on the 50% of cellular membrane and mitochondria.

It is very important to get the best fluidity of cell membrane, when it is lacked all cell functions became slow and functioning of the brain.

Several studies have demonstrated that PC is able to remove different toxins from our brain, non properly like a chelator but stimulating the "natural" detoxification of the body. It has been widely used for MS, Alzheimer, Parkinson and other neurodegenerative illness, and autism. PK is also a strong stimulator of liver functions, useful for liver cirrhosis and every time that liver needs aid.

Farmacia Legnani provides PC in an injectable form as well as in a purest powder oral form.

1 vial of Phosphatidilcoline contains 250 mg of PK; 1 ml of powder contains 1 g of PK.

C VITAMIN Chewable Tablets – C Vitamin Injectable

C Vitamin, or ascorbic acid, is an excellent anti-oxidant: it is able to neutralize the action of free radicals. It is a hydro soluble vitamin, that's why it leaves the body quickly and its ingestion must be continuous for its better advantage.

First and foremost, it helps the immune system to fight off foreign invaders and tumor cells.

As a water-soluble antioxidant, vitamin C is in a unique position to "scavenge" aqueous peroxy radicals before these destructive substances damage the lipids. It works along with vitamin E, a fat-soluble antioxidant, and the enzyme glutathione peroxidase to stop free radical chain reactions. Legnani uses C vitamin as ascorbate, a form more delicate for gastrointestinal tract; chewable tablets, sugar free and artificial flavours free are particularly appreciated by kids and children. To encounter particular patient's need, Legnani provides also a particular compounded of C Vitamin in a vial form.

This product is available as chewable tablets, each containing 250 mg or 1 g of C vitamin; also available injectable C vitamin, 5g/ vial

CALCIUM – Chewable Tablets - Powder

Calcium is the most abundant mineral in the body; it is the major constituent of teeth and bones. Calcium also supports muscle tone, circulation, heart and nerve function. Calcium is important at all ages: for infant and childhood development, during adulthood, during pregnancy, during maturity. The lack of adequate Calcium intake or a bad absorption have been associated with cramps, colitis, insomnia, brittleness of nails, dental health problem and low bone mass. Phytic acid, contained in fibre-rich foods, alcohol, salt, caffeine and excessive fat can reduce Calcium absorption in gastrointestinal tract. People sensitive to milk and dairy products need Calcium supplement. Optimum Calcium intake, referred as elementary Calcium, ranges from 800 mg daily to 1200 mg daily, divided into 3 doses.

Legnani's Calcium products are all manufactured with high quality raw materials and are formulated without sugar and artificial flavours to encounter the special needs of ASD and very sensitive patients.

This product is available as powder and as Chewable Tablets, each containing 250 mg or 1 g of elementary calcium, added with Xylitol and natural tropical fruit's extract.

NATURAL Ca/Mg Powder DOLOMITE

This is a natural source of Calcium and Magnesium both present with high bio-availability, as calcium oxide and magnesium oxide. It is available as powder and as tablets.

2 tablets ,or 1g of powder, contains 220 mg of elementary calcium and 120 mg of elementary magnesium

This product is sold in a package of 300 g and in bottle of 100 tablets

MAGNESIUM Citrate 8% and Magnesium Aminocheilate

Magnesium is one of the most important mineral of the body, it is a constituent of bones and teeth and it is involved with more than 400 biochemical well known reactions, also relaxing nerve impulses and muscle contractions and promoting quiet sleep.

There are many different form of magnesium, with different impact on gastrointestinal tract. Magnesium Citrate is a blended of Magnesium and Citric Acid, it is very useful to supplement patients who need to stimulate kerb's cycle and/or to solve constipation.

The powder is free of any sweeteners and flavourings because it has a natural lemon taste. Each serving size,(2,5 g, that is 3 ml of powder) contains 200 mg of elementary Magnesium.

Magnesium Plus is a form of Magnesium chelated with aminoacids, it is disposable as tablets.

Magnesium Plus is sold in a package of 60 tablets (100 mg), Magnesium Citrate 8% Powder is sell in a package of 200 g.

MILK THISTLE

Milk thistle is an herb recognized since ancient times for its medical value. It grows in moderate climates of North America and Europe, the seed of Milk Thistle plant was used to support liver functions and to protect liver cells during antifungal therapy and chelating. It is a general tonic for gastro-intestinal tract.

Milk Thistle consists of three potent liver protective flavonoids: silybin, silydianin, and silychristin.

This product is sold in a package of 60 tablets (1 g).

CHLORELLA - Tablets

Chlorella is unicellular seaweed constituted by a 60% of Proteins; it is cultivated in non-contaminated areas and dried throughout a process that assures the smashing of cellular tissue. This characteristic made the product easily digestible and permits maximum absorption.

It contains: Chlorophyll, E, K, C, B Vitamin, Folic Acid, Choline, Inositol, and PABA.

The seaweed Chlorella is characterized by a high quantity of chlorophyll, a substance that has excellent antioxidant and purifying properties: it is useful to remove toxins from our body, included the heavy metals, protecting it from environmental pollution and from the exposition to UV rays.

It stimulates the immune system, red blood cells synthesis and gastro-intestinal tract functionality.

SUGGESTED DOSAGE: 1-4 tablets/day.

This product is sold in a package of 120 tablets (250 mg).

CURCUMIN C3 COMPLEX - Tablets

Curcumin C3 Complex is a unique, patented extract of *Curcuma longa* root, commonly known as "Turmeric". Turmeric has long been used in Ayurvedic medicine for centuries, and is a common household remedy in India. The active constituent is known as Curcumin.

Farmacia Legnani stands apart by using 500 mg of patented Curcumin C3 Complex, standardized to contain high concentrations of the herb's active ingredients (curcuminoids).

Curcumin has been shown to have a wide range of actions. First, it protects against free radical damage because it is a strong antioxidant. Second, it reduces inflammation by lowering histamine levels and possibly by increasing production of natural cortisone by the adrenal glands. Third, it protects the liver from a number of toxic compounds. Fourth, it has been shown to reduce platelets from clumping together, which in turn improves circulation to support cardiovascular health.

SUGGESTED DOSAGE: Children: 1-2 tablets/day - Adults = 2-4 tablets/day

This product is sold in a package of 90 tablets (500 mg).

NONI - Tablets

NONI is the common name for *Morinda Citrifolia*, a tropical fruit that grows year-round in the Pacific Islands. Islanders have used NONI for thousands of years for its healthful benefits. No longer an island secret, NONI has been studied for decades by renowned ethno botanists, scientists, and medical professionals. They've discovered that NONI works on a cellular level and affects nearly every system of the body because of its composition made by vitamins, mineral salts, oligo-elements, enzymes and amino acids contained in leaves and roots. It is also a rich source of antioxidants.

Studies suggest that NONI can benefit multiple systems of the body:

- **Immune System:** NONI supports the immune system's natural ability to fight disease and infection.
- **Circulatory System, Tissues and Cells:** NONI is a superior antioxidant that helps rid the body of harmful free radicals.
- **Digestive System:** NONI supports proper digestion and helps the body absorb more nutrients at the cellular level.
- **Metabolic System:** NONI boosts the metabolic system, resulting in feelings of increased energy and vitality.

SUGGESTED DOSAGE: 1-2 tablets/day.

This product is sold in a package of 90 tablets (450 mg).

HEAVY METAL MERC - Tablets

Intoxication by heavy metals is a phenomenon much more common than what we think. We are continuously exposed to lead, nickel, cadmium, aluminium, mercury and others

Sometimes heavy metal's sources are hidden like in the material used in the kitchen, ceramics, whitening, dental filling, ink, vaccines, eye drops, Tupperware, jewels..

C Vitamin, selenium, sulphured amino acids in Heavy Metal Merc provide to sustain detoxification and are especially useful before and after chelating process.

SUGGESTED DOSAGE: 1-3 tablets/day.

This product is sold in a package of 60 tablets.

LIQUID GRAPEFRUIT SEED EXTRACT

Grapefruit seed extract is an antibacterial agent and has also antifungal properties.

It is very useful to fight against disbiosis and/or to maintain gastrointestinal balance.

SUGGESTED DOSAGE: Pour 5-10 drops in a glass of water.

This product is sold in a bottle of 30 ml.

UNCARIA - Tablets

Uncaria Tomentosa is an herb from South America well known by that culture.

It is an immune system booster, infection fighter, and an anti-inflammatory. Legnani's Uncaria is one of the most powerful immune-enhancing herbs known.

This product is sold in a package of 60 tablets,

THEANINA – Tablets

Legnani's Theanina is one of the purest tea extract amino acid. It has an excellent relaxing effect. It improves mental activities, memory functions, concentration; it also increases the production of alpha waves.

This product is sold in a package of 60 tablets.

OENOTHERA BIENNIS

Each soft pearl contains Oenothera Biennis seed oil, which is a primrose yellow to orange oily liquid.

Oenothera Biennis Oil contains a high concentration of a fatty acid called gamma-linoleic (GLA) and it is this fatty acid that is largely responsible for the remarkable healing properties of the plant. In fact, Oenothera Biennis contains one of the highest concentrations of GLA, only a few other plants contain it at all. The gamma-linoleic acid, linoleic acid, phenylalanine and other nutrients, in this oil are essential for cell structure, improve the elasticity of skin: it also helps to regulate hormones and improve nerve and brain function aiding problems like migraine headaches. The hormone balancing effect contributes to healthy breast tissue which has pain relieving action.

SUGGESTED DOSE: 1-2 pearls per day during principle meals.

This product is sold in a package of 90 soft pearls Oenothera's oil, each containing 500 mg.

POMEGA

This is a blend of high content Omega 3 fatty acid derived from apple. It doesn't contain mercury nor phenols, it is particularly appreciated by vegetarian and vegan people

This product is available in tablets. Is sell in a package of 90 tablets, each containing 500 mg of Omega 3 .

MELATONIN – Tablets

Melatonin is a hormone secreted in the human body by the pineal gland. Melatonin supplementation is used principally for helping to sleep and as a powerful antioxidant. Several studies have shown that Melatonin supplementation is effective in promoting sleep when Melatonin levels are low: that's why we know it is able to synchronize sleep-awaking rhythm and to reproduce a normal balance.

This product is available in tablets, containing 2 mg or 3 mg of melatonin.

LACTOSPORE , cps and powder - ACIDOPHILUS , cps

Lactobacillus Sporogenes is particularly resistant to gastric acid and reach colon where fast colonize the mucous membrane.

Lactobacillus acidophilus is the prominent strain that implant itself in the mucous membrane of the mouth, small intestine as well in the lining of genitourinary tract . They all support body's defenses and intestinal immunological barrier ,improve digestion and absorption , helps create an inhibitory effect on free radical activity in the colon.

This products are available as powder and cps .

Fructooligosaccharides (F.O.S)

Also known as Prebiotics , they are a monosaccharides blend, derived from plant. They promote growth of probiotics strain in gastrointestinal tract. The natural sweet taste make assure the compliance

This product is available as powder ,recommended usage : 1 - 2 grams of powder daily(1/4 – 1/2 teaspoon)

ALPHA LIPOIC ACID, oral and injectable

A powerful antioxidant ,both fat and water soluble, to defend us from a wide variety of toxic substances . Alpha lipid acid is naturally present in food such as spinach,broccoli,tomatoes ,meat but its bioavailability from food may be limited because it strongly bound to a food protein. It is important to use only a high quality lipoic acid to get the best effects
It is also a special tool helping diabetic patients to prevent and treat vascular complication

Various AMINOACIDS (Taurine, Glycine, Glutamine) GABA ,L-Carnosine, Creatine

They all are available in pharmaceutical grade, in capsules, according on doctor's prescription

Customized MULTIVITAMINS and MINERALS formulas are compounded according to doctor's prescription

Product	Quantity	Price	Qty	Sub.
Calcium flavored powder	100 g	€ 5,71		
Calcium, chewable tablets 1 g	60 tablets	€ 12,57		
Calcium, chewable tablets 250 mg	250 tablets	€ 28,00		
C Vitamin, chewable tablets 1g	60 tablets	€ 12,82		
C Vitamin, chewable tablets 250mg	250 tablets	€ 29,00		
Natural Ca/Mg powder Dolomite	300g	€ 12,30		
Magnesium Plus, tablet 100 mg	60 tablets	€ 11,50		
Magnesium citrate 8%, powder	200 g	€ 12,80		
Milk Thistle, 1g tablets	60 tablets	€ 14,80		
Chlorella Legnani, tablets 250 mg	120 tablets	€ 9,50		
Curcumin C3 complex, 500 mg	90 tablets	€ 22,90		
Noni Legnani, tablets 450 mg	90 tablets	€ 14,90		
Heavy Metal Merc Legnani, tablets	60 tablets	€ 14,50		
Liquid grapefruit seed ex.Legnani	30 ml	€ 9,90		
Uncaria Legnani, tablets 250 mg	60 tablets	€ 17,90		
Theanina Legnani	60 tablets	€ 12,80		
Oenothera Biennis Legnani, 500 mg	90 soft pearls	€ 17,30		
Melathonin, 2 mg	60 tablets	€ 11,00		
Melathonin, 3 mg	60 tablets	€ 11,90		
Phosphatidilcoline Epikuro, powder 100 g	100 g	€ 68,46		
DMPS lotion with glutathione	Personalized dosage	Price on request		
DMPS Suppositories	Personalized dosage	Price on request		
Glutathione, transdermal cream 200mg/ml	50 g	€ 23,00		
Glutathione, transdermal cream 400 mg/ml	50g	€ 35,00		
Magnesium Sulphate, transdermal cream 100mg/g	50 g	€ 9,50		
Zinc Sulphate transdermal cream	50 g	€ 10,65		
CalciumEDTA Suppositories, 375 mg	Package of 6 supp.	€ 11,07		
CalciumEDTA Suppositories, 750 mg	Package of 6 supp.	€ 11,87		
CalciumEDTA transdermal cream	kit for personalized program	Kit n° 1 , € 16,00		
DMSA transdermal cream	kit for personalized program	Price on request		

DMSA ,tablets 100 mg	kit for personalized program	Price on request		
TTFD, transdermal cream	50 ml	€ 11,20		
SodiumEDTA cps , 100 mg	Personalized dosage	Price on request		
MethylB12 vitamin, injectable s.c	prefilled syringes, personalized dose.	€ 4,00 each		
Methyl B 12 nasal spray	5 ml	€ 9,00		
MultiBvitamins Complex, injectable ev	Price per vial	€ 2,69		
Phosphatidilcoline, injectable e.v.	Price per vial	€ 4,95		
C vitamin, injectable e.v. 5 g	Price per vial	€ 2,69		
Multitraces elements, injectable e.v.	Price per vial	€ 2,68		
Lactospore cps	Personalized dosage	Price on request		
Acidophilus	60 cps	€ 11,30		
F.O.S. powder	150 g	€ 7,35		
Pomega	90 cps	€ 19,50		
		Total		

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