

# Auxilie®

## food supplements in support of the immune system

referred to as  
adjuvants in  
antiallergic  
therapy  
and asthma



*Vitamin D3, Zinc, Selenium and Folic Acid to support Immune system.*

*Magnesium to increase bronchial patency.*

*Meriva® turmeric, resveratrol and Soy Isoflavones to combat the effects of free radicals and counteract oxidative stress.*

## Envicon® Medical

*for a better quality of life*

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# ASTHMA, ALLERGIES AND OXIDATIVE STRESS:

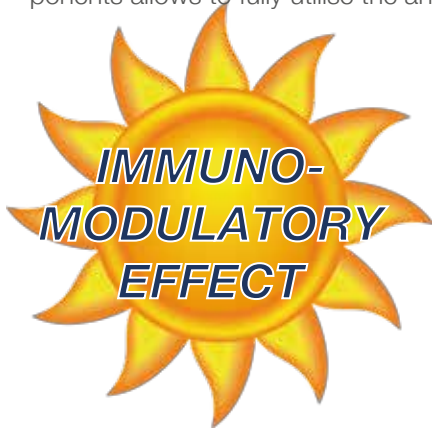
Stress, age, diseases, inflammation, allergies, pollution and other factors arising from modern lifestyles diminish body's ability to respond to aggressive factors and to the attack of infectious agents and allergens. These conditions increase the production of free radicals (oxidative stress) and decrease the body's ability to defend itself from diseases.

**Dietary supplements Auxilie®, thanks to their complete and innovative formulations, helps individuals to maintain the natural feeling of good health.**

Auxilie® Immuplus is a dietary supplement with vitamin D3, Turmeric and Resveratrol antioxidant and anti-inflammatory, useful to support the body's defense against infectious agents and allergens and to counter the effects of free radicals.

Auxilie® Immuplus is useful in all cases of reduced nutritional intake with the diet, or in case of an increased need of substances useful to favour the body's natural defenses and to counter the effects of free radicals.

The innovative composition of Auxilie® Immuplus is the result of the latest scientific research. The synergistic effect of its components allows to fully utilise the anti-inflammatory and antioxidant action of individual molecules.



**Vitamin D3:** essential to support the natural immunity defenses, It increases the effect of anti-allergic drugs.

**Folic Acid:** important element in the regulation of immunity response allergies.

**Zinc:** essential for metabolic processes, useful for the normal operation of the immunity defense system.

**Selenium:** is a mineral contained in Glutathione peroxidase, the most important enzyme of the body's defense against free radicals. It increases the effect of zinc in boosting the immunity system. It also reduces the negative effects of poisoning caused by heavy metals, in particular of mercury. The lack of Selenium may increase the development of respiratory diseases.

**Magnesium:** promotes normal metabolic functions, has a bronchodilator effect and It reduces bronchial reactivity.

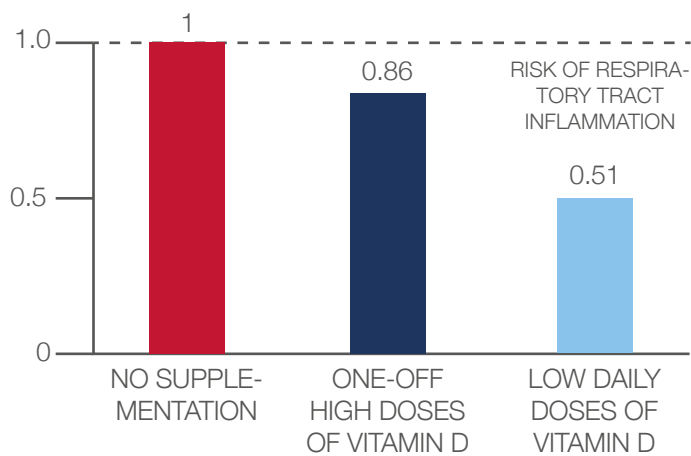
**Turmeric Meriva®:** is a patented formulation based on dry extract of Turmeric Longa and Phospholipids of Soya. This process favors the bioavailability of Curcumin increasing the absorption of it 29 times: it improves the natural analgesic, anti-inflammatory, antioxidant, antibacterial and antiviral effects. Curcuma Meriva produces beneficial effects on cellular mechanisms and has a proven action to control the allergic reaction

**Resveratrol:** it is a molecule with a strong antioxidant power and with many biological activities , including the ability to stimulate the activity of the immunity system and to counteract viral replication. It reduces the risks related to metabolic syndrome as(Diabetes, hypertension, arteriosclerosis, etc ...).

**Soy isoflavones:** strenghtens, with intake of natural ingredients, the antioxidant status of organism. Soy Isoflavones promote lung development.

## Vitamin D and respiratory tract infections: the aim-analysis of randomized controlled studies<sup>1</sup>:

Meta-analysis of 11 placebo-controlled studies. 5660 patients.

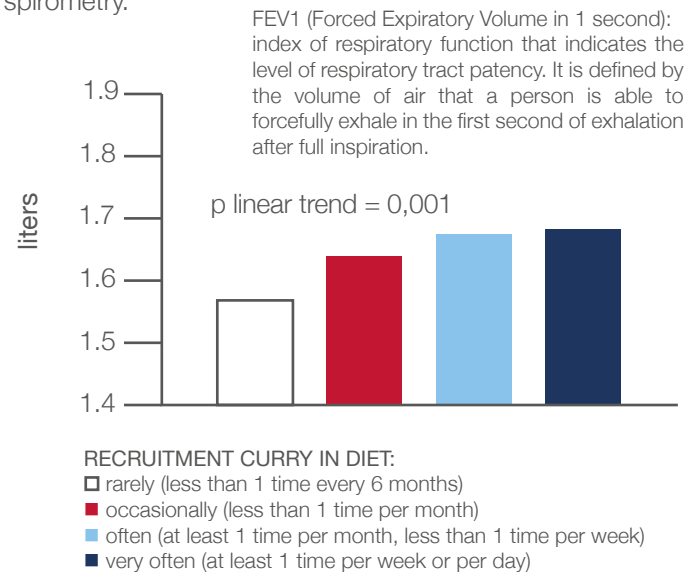


**A RISK OF RESPIRATORY INFECTIONS IS A FACTOR RISK FOR ALLERGIC AND ASTHMATIC PATIENTS, IT IS REDUCED TO 0.86 WITH A HIGH ONE-OFF DOSE OF VITAMIN D AND IT IS REDUCED TO 0.51 WITH A SUPPLEMENTATION OF DAILY LOW DOSING.**

1-PLoS One. 2013 Jun 19;8(6):e65835. Print 2013. "Vitamin D and Respiratory Tract Infections: A Systematic Review and Meta-Analysis of Randomized Controlled Trials." Bergman P1, Lindh AU, Björkhem-Bergman L, Lindh JD.

## A diet rich in curry and lungs capacity<sup>2</sup>:

2,478 Chinese adults aged  $\geq 55$  years. Taking Curry and a spirometry.



**A DIET RICH OF CURRY IMPROVES RESPIRATORY FUNCTIONALITY, PARTICULARLY THE LEVELS OF FI AND FEV1.**

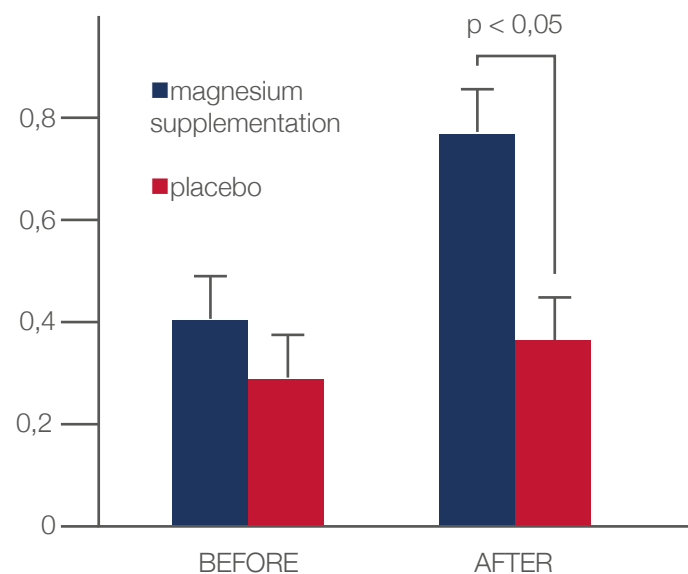
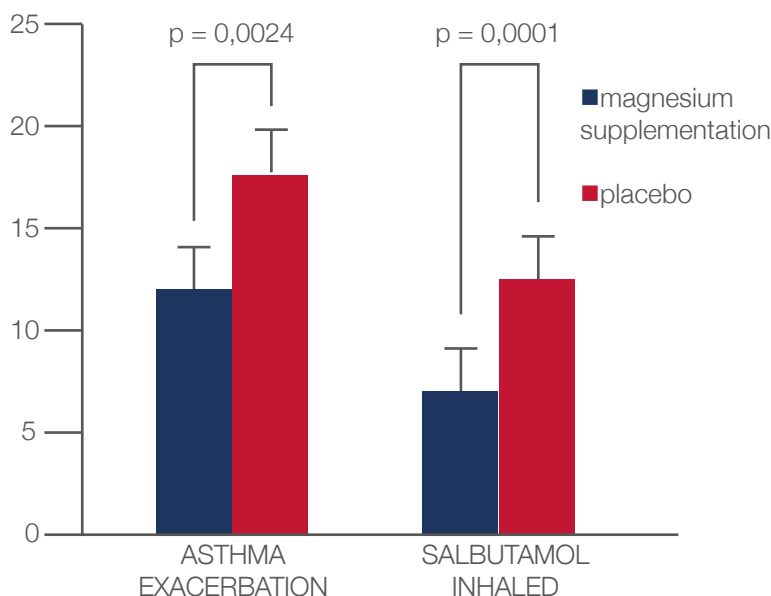
2-PLoS One. 2012;7(12):e51753. doi: 10.1371/journal.pone.0051753. Epub 2012 Dec 26. "Curcumin-rich curry diet and pulmonary function in Asian older adults." Ng TP1, Niti M, Yap KB, Tan WC.

## Oral magnesium supplementation in children with asthma: one double-blind, randomized, placebo-controlled study<sup>3</sup>:

37 Children, magnesium 300 mg / day (n = 18) and placebo (n = 19), for 2 months, inhaled fluticasone (250 mg twice per day) and albuterol, if necessary. Test methacholine (PC20).

CHILDREN AND TEENAGERS TAKING ORALLY MAGNESIUM SUPPLEMENTATION ARE PRESENTING FEWER DAYS OF EPISODES OF EXACERBATION COMPARED WITH CONTROL GROUP TREATED WITH PLACEBO.

AFTER 2 MONTHS OF MAGNESIUM SUPPLEMENTATION, THE METHACHOLINE PC20 WAS SIGNIFICANTLY HIGHER IN SUPPLEMENTED GROUP COMPARED TO THE CONTROL GROUP TREATED WITH PLACEBO

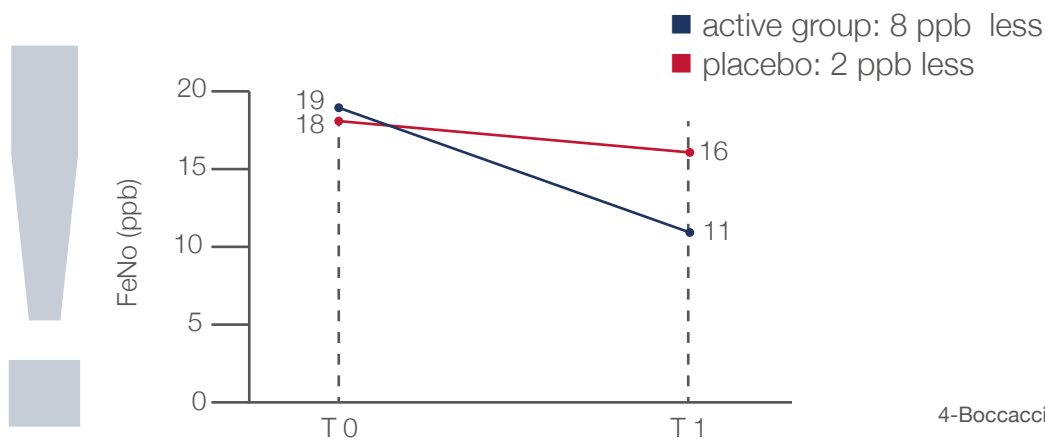


**MAGNESIUM SUPPLEMENTATION HELPS TO REDUCE BRONCHIAL REACTIVITY TO METHACHOLINE, DECREASE THE ALLERGEN-INDUCED SKIN REACTIONS AND PROVIDES BETTER MONITORING OF SYMPTOMS IN PEDIATRIC PATIENTS WITH ASTHMA TREATED WITH PERSISTENT MODERATE INHALED FLUTICASONE.**

3-Eur J Clin Nutr. 2007 Jan;61(1):54-60. Epub 2006 Jun 21. "Oral magnesium supplementation in asthmatic children: a double-blind randomized placebo-controlled trial." Gontijo-Amaral C1, Ribeiro MA, Gontijo LS, Condino-Neto A, Ribeiro JD.

# Supplementation with antioxidants reduces the inhalation of oxide nitric oxide in children with asthma<sup>4</sup>:

47 asthmatic children involved hosted at the Institute Pius XII, Misurina.  
Supplementation for one month (T1) with a mix of nutraceuticals (Auxilie® Immuplus).  
Test exhalation of nitric oxide (FeNo) and lung function.



4-Boccaccino A., Piacentini G., in press

**THE EXHALATION OF NITRIC OXIDE AS MARKER OF ALLERGIC INFLAMMATION OF RESPIRATORY TRACT DECREASES OF 400% MORE COMPARED TO RESULTS OF CONTROL GROUP WHEN THE SUBJECTS ARE TREATED WITH THE DIETARY SUPPLEMENT AUXILIE IMMUPLUS.**

## AUXILIE® IMMUPLUS SWALLOWABLE



**600 U.I.  
OF VITAMIN D3  
FOR TABLET**

### INGREDIENTS, for 1 tablet:

| average content             | for 1 tbl | %VNR*  |
|-----------------------------|-----------|--------|
| Magnesium                   | 300,00 mg | 80,00  |
| Tumeric Phytosome (Meriva®) | 100,00 mg |        |
| Curcuminoids                | 18,00 mg  |        |
| Zinc                        | 7,00 mg   | 70,00  |
| Soy dry extract             | 37,50 mg  |        |
| Isoflavones                 | 15,00 mg  |        |
| Polygonum dry extract       | 20,41 mg  |        |
| Resveratrol                 | 20,00 mg  |        |
| Selenium                    | 55,00 mcg | 100,00 |
| Vitamin D3                  | 15,00 mcg | 300,00 |
| Folic acid                  | 90,00 mcg | 45,00  |

\* nutrient reference values.

## AUXILIE® IMMUPLUS SOLUBLE



**600 U.I.  
OF VITAMIN D3  
FOR SACHET**

### INGREDIENTS, for 1 sachet:

| average content             | per 1 sct | %VNR*  |
|-----------------------------|-----------|--------|
| Magnesium                   | 300,00 mg | 80,00  |
| Tumeric Phytosome (Meriva®) | 100,00 mg |        |
| Curcuminoids                | 18,00 mg  |        |
| Zinc                        | 7,00 mg   | 70,00  |
| Soy dry extract             | 37,50 mg  |        |
| Isoflavones                 | 15,00 mg  |        |
| Polygonum dry extract       | 20,41 mg  |        |
| Resveratrol                 | 20,00 mg  |        |
| Selenium                    | 55,00 mcg | 100,00 |
| Vitamin D3                  | 15,00 mcg | 300,00 |
| Folic acid                  | 90,00 mcg | 45,00  |

\* nutrient reference values.

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