



Colostroni

FOOD SUPPLEMENT

GASTROINTESTINAL HEALTH

What is Colostrononi

Colostrononi is a food supplement of orodispersible granules, with freeze-dried Bovine Colostrum and Noni (*Morinda citrifolia* L. - fruit).



The advantages of Colostrononi

Unique synergy of COLOSTRUM + NONI

High dosage of skimmed, freeze-dried and pasteurized bovine colostrum

Dissolves quickly in the mouth, without water

Single-dose sachets, ready to use

Low fat content

Highly digestible also for children and the elderly

Pleasant taste

Gluten-free

GMO-free

The special "freeze-dry" pharmaceutical technology used to produce Colostrononi allows to avoid any potentially aggressive mechanical or heating process, thus preserving all the outstanding properties of its active compounds

What is Bovine Colostrum

Bovine colostrum²⁻³⁻⁴⁻⁵

Colostrum is the first milk produced by a mother's breast immediately after giving birth, and it is generally known as "the first vaccination of a baby" because of its high content of antibodies. It is different from the milk produced during the following months as it contains a greater number of **antibodies, proteins, vitamins, mineral salts, amino acids, hormones and growth factors**. **Bovine colostrum is up to four times richer in immune factors and growth factors than human colostrum.**

The active compounds of **bovine colostrum** are: _____

- **Immunoglobulins and other immunomodulating agents**

Useful to help local bacteria strains to colonize the intestinal tract, and to protect the intestine from potentially harmful bacteria.

- **Hormones and growth factors**

Help stimulate **the physiological repair of intestinal cells**, which are subjected to a quick replacement due to their function.

- **Amino acids**

Promote the physiological regeneration and metabolism of the cells of the gastrointestinal tract.

- **Vitamins**

Essential for protecting the gastrointestinal tract from the oxidative stress induced by digestive processes.

- **Minerals**

Useful to maintain proper water-saline balance.

What is Noni

Noni (*Morinda citrifolia* L., fruit)⁶

Noni is a plant used for centuries by South Pacific populations, and widely appreciated in phytotherapy. Its fruit juice contains high concentrations of pro-xeronine, a precursor of the alkaloid "xeronine", with several beneficial properties for the organism:

- antioxidant
- helps the anti-inflammatory natural response
- immune system support
- endocrine stimulation





Colostroni - Scientific evidences

Colostroni administration effects on epithelial cells turn-over, inflammatory events and integrity of intestinal mucosa junctional systems¹.

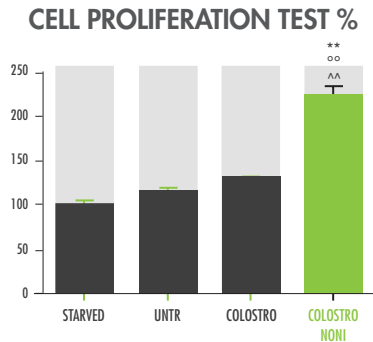
D. Cardani

Minerva Gastroenterologica e Dietologica 2014 Mar; 60(1):71-8.

Colostroni activity at a cellular level has been tested in an *in vitro* model of intestinal epithelium. Results show that the association of bovine colostrum and Noni juice is able to **regulate physiological cellular turnover and chemotaxis in a physiological manner**, as well as to stimulate the re-epithelization and the protection of the intestinal mucosa. An additional control test was performed on cells treated with bovine colostrum only, so to assess the **synergic effects of Noni fruit juice**.

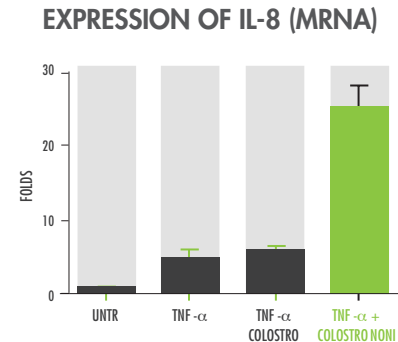
Results

Treatment with **Colostroni** affects the physiological curve of cell turnover.



At a cellular level, in an *in vitro* model, **Colostroni** physiologically regulates the turnover of enterocytes, by mimicking the natural regulating and repairing activity on epithelial damage.

Treatment with **Colostroni** affects the gene expression of IL-8.



Colostroni regulates the expression of IL-8 (around 25-folds increase), while keeping such levels considerably lower than those normally observed in cases of pathological inflammatory responses (300- to 600-folds increase).

Conclusions

Colostroni is able to stimulate cell turnover in the proposed *in vitro* model, and it proves to be effective in increasing the gene expression of IL-8. Both aspects observed are fundamental for establishing those mechanisms that are responsible for repairing tissue damage.

The results obtained indicate that **Colostroni** could find clinical application as a support in cases of gastrointestinal disorders characterized by impairment of proper intestinal permeability, in inflammatory bowel diseases (IBDs), in dysenteric diseases, in gastritis and in forms of pathological alteration of the mucous layer, such as celiac disease and gluten sensitivity.

Noni and Bovine Colostrum

A UNIQUE SYNERGY OF ACTIVE INGREDIENTS TO HELP:

PRESERVE

the histological integrity of the digestive mucosa

SUPPORT

the Mucosa-Associated Lymphoid Tissue (MALT)

MAINTAIN

the intestinal eubiosis



Colostrononi active compounds are highly bioavailable to the organism. **Colostrononi** is indicated for both adults and children, as a nutritional support in the following cases:

Reduced or altered gastrointestinal function due to infections (gastroenteritis) of bacterial or viral origin, with symptoms such as: diarrhea, lack of appetite, abdominal pain.

Intestinal dysbiosis which may be caused by prolonged use of antibiotics, poor eating habits, infectious diseases, psychological stress, unbalanced lifestyle. **Colostrononi** helps protect the mucosa and restore its normal functions.

Gastrointestinal disorders in cases of flu and flu-like illnesses, especially those forms characterized by diarrhea, vomiting, abdominal cramps and accompanied by a sense of fatigue.

Colostroni - Fields of use and instructions for use

To supplement the increased nutritional needs in cases of: _____

- **Gastrointestinal disorders, intestine-related ailments and intestinal dysbiosis**

Adults, 1 sachet 2 times a day, for 15 days. Cycle can be repeated after 60 days discontinuation.
Dissolve the content directly in the mouth, with no need to add water.
Take preferably before meals.

Children, 1 sachet 2 times a day, for 15 days. Cycle can be repeated after 60 days discontinuation.
Dissolve the content directly in the mouth or in a little water.
Take preferably before meals.

- **Acute gastrointestinal symptoms**

Adults, 1 sachet 2 times a day or more, according to medical advice, for 4-5 days.
Dissolve the content directly in the mouth, with no need to add water.
Take preferably before meals.

Children, 1 sachet 2 times a day or more, according to medical advice, for 4-5 days.
Dissolve the content directly in the mouth, or dissolve in a little water.
Take preferably before meals.

- **Infectious gastrointestinal diseases**

Adults, 1 sachet 2 times a day, for 15 days. Cycle can be repeated after 60 days discontinuation.
Dissolve the content directly in the mouth, with no need to add water.
Take preferably before meals

Children, 1 sachet 2 times a day, for 15 days. Cycle can be repeated after 60 days discontinuation.
Dissolve the content directly in the mouth or in a little water.
Take preferably before meals.



Colostroni - Suggested combinations

Colostroni + Proflora

To help gastrointestinal and urogenital balance in cases of prolonged diarrhea.

Pack of 30 x 2.5 g sachets
Net weight 75 g



Colostroni + Gunaelmint

Nutritional help in cases of parasite infections.

Pack of 30 x 4.2 g sachets
Net weight 126 g
with sweetener



Colostroni + Enzyformula

Nutritional help in cases of impaired digestion.

Pack of 20 x 1.17 g swallowable tablets
Net weight 23.4 g
with sweetener



Colostrononi - Ingredients

Nutrition facts

	per 100 g	per sachet
Energy	1638 kJ 386 kcal	29 kJ 7 kcal
Fat	0.31 g	0.006 g
of which saturates	0.21 g	0.004 g
Carbohydrate	75.14 g	1.353 g
of which sugars	3.89 g	0.070 g
Protein	20.16 g	0.363 g
Salt	0.21 g	0.004 g
Freeze-dried bovine colostrum	30.56 g	550 mg
Noni powdered juice	11.11 g	200 mg

Packaging

24 sachets of 1.8 g. Net weight 43.2 g.

Ingredients

Sweetener: sorbitol; freeze-dried bovine colostrum (with **milk** derivatives), Noni (*Morinda citrifolia* L., fruit) powdered juice, maltodextrin, flavouring, anti-caking agent: silicon dioxide; sweetener: sucralose.

- with sweeteners -

Warnings

Store the product in a cool and dry place and protect from light. The expiry date refers to the product correctly stored in its original and undamaged packaging. Do not exceed the stated recommended daily dose. Keep out of the reach of young children. Excessive consumption may produce laxative effects. Food supplements should not be used as a substitute for a varied diet and a healthy lifestyle.

The information herein contained concern the ingredients of **Colostrononi** and should not be interpreted as medical advice, nor can they replace any medical prescription. Food supplements are not intended as means for treating, preventing, diagnosing or mitigating any disease or abnormal condition.

References

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