



Colostroni

**Protects the intestine,
keeps the whole organism
healthy**



WHAT IS Colostro^{noni}

ORODISPERSIBLE Food supplement

Containing **freeze-dried bovine colostrum** and ***Morinda citrifolia*** (Noni).



Its active ingredients are highly bioavailable.

Colostro^{noni} is indicated both for adults and for children as a natural adjuvant¹:

- In cases of intestinal dysbiosis due to prolonged use of antibiotics, bad eating habits, infectious diseases, mental stress and unhealthy lifestyle, **considering that it has a strong natural protective action on the mucosa and on its functional rebalancing.**
- In cases of reduced or altered intestinal functionality due to **infections (gastroenteritis)** both of bacterial and viral origin accompanied by diarrhoea, loss of appetite, abdominal pain.
- To prevent and treat **influenza** and **parainfluenza viruses**, especially those forms that are characterized by gastrointestinal disorders (diarrhoea, vomiting, abdominal pain and cramps), accompanied by a general fatigue so typical of the influenza epidemics of the last few years.

NEW EVIDENCE ON Colostrononi

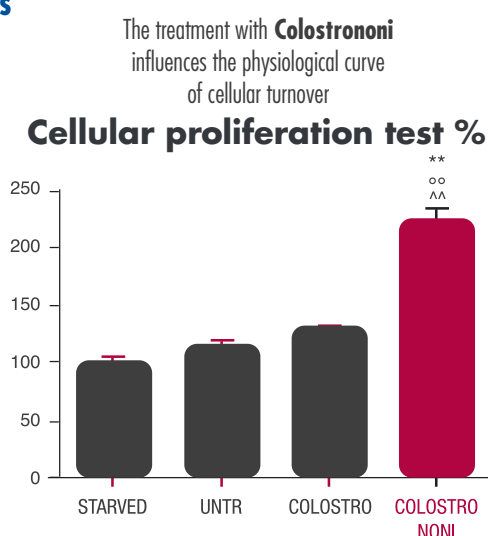
Colostrononi administration effects on epithelial cells turn-over, inflammatory events and integrity of intestinal mucosa junctional systems.

D. Cardani

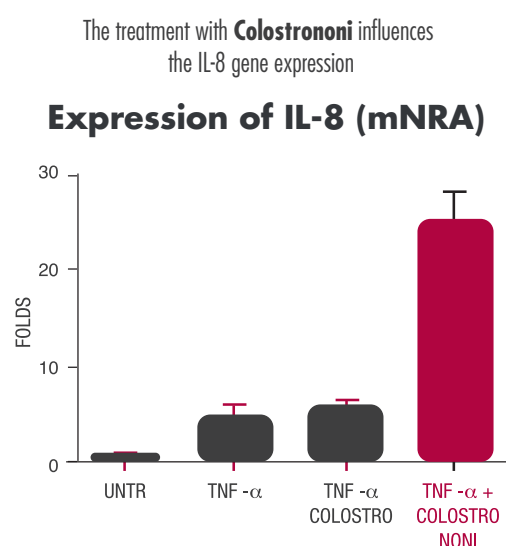
Minerva Gastroenterol and Dietol Vol.1 - N°60, March 2014; 71 -78

The use of **Colostrononi** in an *in vitro* model of intestinal epithelium shows its properties of **physiological regulator** of **cellular turnover** and of **chemotaxis** in the protection and re-epithelialization of the intestinal mucosa damaged tissue. As further comparison, to assess the synergistic role of **NONI juice**, a group in which the cells were treated with only **bovine colostrum** was also added to the tests.

Results



At the cellular level **Colostrononi** demonstrates its ability to **physiologically regulate** the turnover of enterocytes mimicking *in vitro* its **natural activity of regulating and repairing epithelial damage**.



The use of **Colostrononi** allows to increase the IL-8 expression maintaining the levels (+25 folds approx.) **well below** those which are observed in case of pathological inflammatory response (300/600 folds approx.).

Conclusions

Colostrononi is able to stimulate cell turnover in the proposed *in vitro* model and demonstrates to be active in increasing the gene expression of IL-8. Both aspects observed are fundamental for the establishment of physiological mechanisms to repair tissue damages.

Obtained results indicate that **Colostrononi** could find clinical application in treatment of gastrointestinal disorders characterized by impairment of proper intestinal permeability, in IBDs (Inflammatory Bowel Diseases), in dysenteric diseases, in gastritis and in forms of pathological alteration of the mucous layer as in celiac disease or gluten sensitivity.

Colostro^{noni} ACTIVE INGREDIENTS



Bovine colostrum¹⁻²⁻³⁻⁴

Colostrum is the first milk produced by a woman's breast after giving birth to her baby. 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 by a woman during the months after her childbirth as it contains a greater amount of **antibodies, proteins, vitamins, mineral salts, amino acids, hormones and growth factors**. Bovine colostrum can be four times richer in immune factors and growth factors than human colostrum.

The active ingredients of bovine colostrum are: _____

Immunoglobulins and other immunomodulating agents:

Colostro^{noni} contains **antibodies** (immunoglobulins IgA, IgG and IgM), **proteins** (in particular **lactoferrin**) and **peptides** with antimicrobial or bacterial growth-limiting action. Moreover, **antibodies support the function of local bacterial strains that colonize the intestinal tract and have a beneficial action, protecting it against aggression of damaging bacteria.**

Hormones and growth factors: androgenic hormones, oestrogens and hormones, of calcium metabolism contained in **Colostro^{noni}**, together with the growth factors are important because they **stimulate the development and repair of intestinal cells** whose metabolism must be rapid due to their function.

Amino acids: all amino acids, including essential amino acids, are present in sufficient quantity in **Colostro^{noni}**, for cell regeneration and cell metabolism of the gastrointestinal tract. In particular, the content of **glutamic acid** is important; **taurine** is essential for a correct bile secretion; **proline** is extremely useful for the protection of blood vessels.

Vitamins and other antioxidant substances: **Colostro^{noni}** contains **Vitamin A, C and E** with considerable antioxidant action, basic for the protection of the gastrointestinal tract and for the protection from oxidative stress induced by digestive processes; it also contains **Vitamin D, Coenzyme Q₁₀** and the **vitamins of the B group**. All these vitamins and substances are present in adequate amounts needed for local protective and nourishing action.

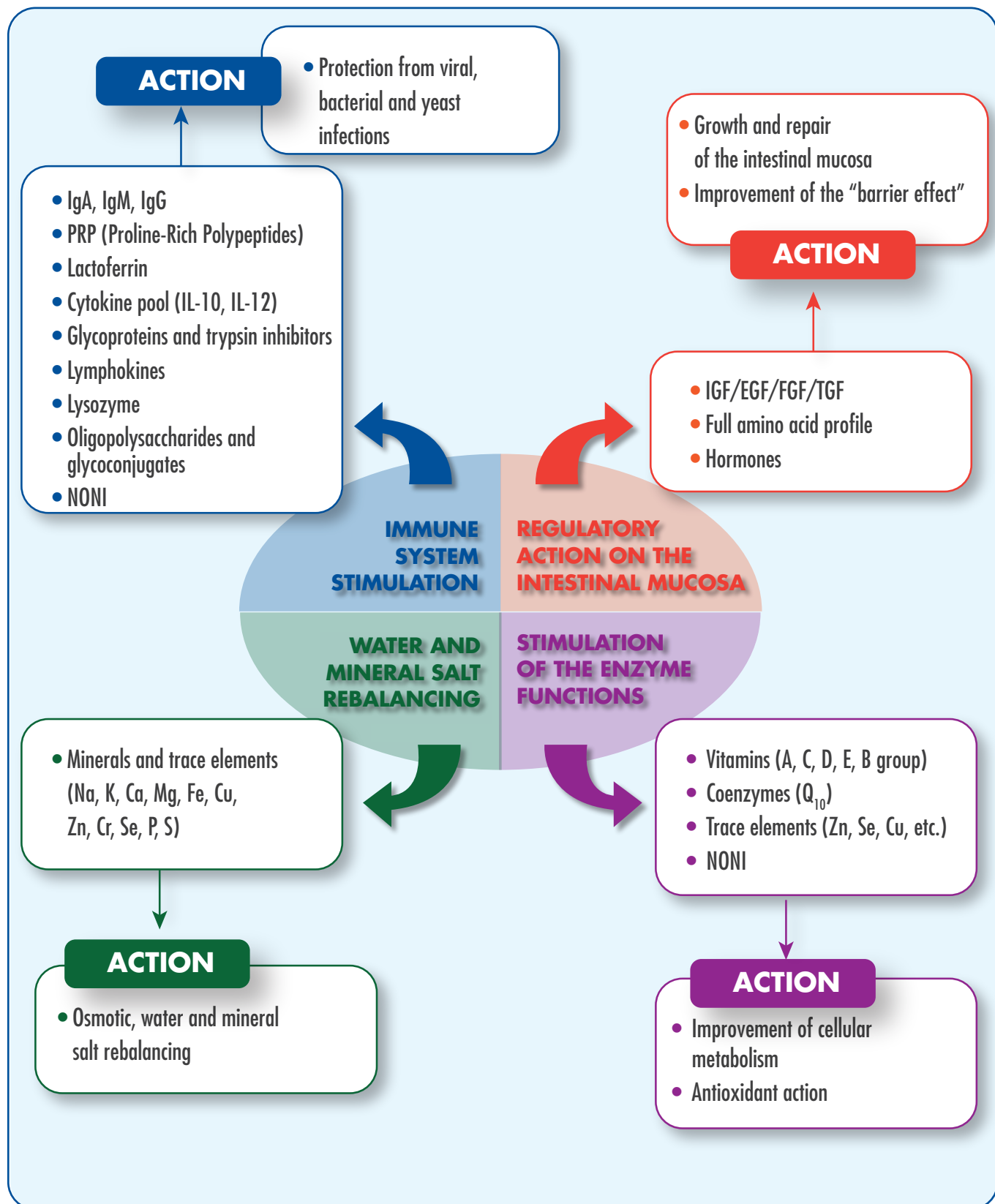
Minerals: the presence of minerals is important as well as the presence of those metals such as **Zinc, Selenium, Copper**, and others that are essential for their antioxidant activity and to maintain a proper balance between water and mineral salts.

Morinda citrifolia (Noni)⁶

This plant has been used throughout the centuries by South Pacific populations. It is highly appreciated for its herbal healing properties: in particular, its juice contains a high concentration of **pro-xeronine**, a precursor of the alkaloid "xeronine", having the following properties:

- **Stimulating the endocrine function and the immune system**
- **Tonic**
- **Anti-inflammatory**
- **Anti-bacterial**
- **Analgesic**



SPECIFIC SYNERGIES OF Colostro^{noni}

Colostrononi BENEFITS

- High dosage of skimmed, freeze-dried and pasteurized 100% pure bovine colostrum
- It melts directly in the mouth, without water
- Sachet ready for use
- Low fat content
- Highly digestible for children and the elderly
- Pleasant flavour
- Gluten free
- GMO free
- The special “freeze dried” pharmaceutical technology of Colostrononi has preserved it from potentially aggressive mechanical and thermal processes, maintaining the important properties of its active ingredients unchanged.



Instructions for use:

**Supportive treatment of chronic gastro-intestinal diseases and gut-related disease:
Supportive treatment of intestinal dysbiosis:**

Adults, 1 sachet twice a day for 15 days. The treatment can be repeated according to the clinical situation. Take the content directly into the mouth without water, best before meals.

Children, 1 sachet twice a day for 15 days. The treatment can be repeated according to the clinical situation. Dissolve the content directly into the mouth without water, or possibly, dissolve it into some milk or yoghurt, best before meals.

Supportive treatment of acute gastro-intestinal diseases:

Adults, 1 sachet twice a day or more (as recommended by your healthcare professional) for 4-5 days. Take the content directly into the mouth without water, best before meals.

Children, 1 sachet a day or more (as recommended by your healthcare professional) for 4-5 days. Dissolve the content directly into the mouth without water, or possibly, dissolve it into some milk or yoghurt, best before meals.

Support to prevent and treat infectious gastrointestinal diseases:

Adults, 1 sachet twice a day for 15 days. Repeat the treatment after 60 days. Take the content directly into the mouth without water, best before meals.

Children, 1 sachet twice a day for 15 days. Repeat the treatment after 60 days. Dissolve the content directly into the mouth without water, or possibly, dissolve it into some in milk or yoghurt, best before meals.

Colostro

Colostro

Gastrointestinal disorders with diarrhea
Recurrent infections of the gastrointestinal and
genitourinary tracts
Pack of 10 and 30 sachets



Colostro

Recovery of the integrity and functionality of the
gastrointestinal mucosa in cases of parasitic
helminth infestation
Pack of 30 sachets



Colostro

Bad digestion and malabsorption
syndromes
Pack of 20 tablets



KEY WORDS:

Protects the intestine, keeps the whole organism healthy



NUTRITION FACTS		
	per 100 g	per sachet
Energy	386 kcal 1638 kJ	7 kcal 29 kJ
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 (N X 6.25)	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

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.

WARNINGS

Store the product in a cool and dry place and protect from light. The expiry date refers to the product stored correctly 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.

PACKAGING

24 sachets. Net weight 43,2 g.

REFERENCES

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