

BIBLIOGRAPHY

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School children often catch colds, catarrh, flu from all the contagions at school. Additionally, refusing certain food, a lack of appetite or poor diet make the child more prone to falling ill.

QuinCe aids correct growth and development for school children, preventing illnesses and improving their appetite.

Composition:

Royal jelly: is a substance secreted by the hypopharyngeal glands of worker bees. It contains carbohydrates, proteins, lipids, minerals, (calcium, phosphorus, iron, copper, potassium, silica and sulphur) and vitamins, in particular B group vitamins, and also vitamins A, C, D and E. It contains another series of components including 10-hydroxydecanoic acid (H.D.A.), with proven antibacterial and antibiotic properties.

Propolis: consisting of a range of resinous, gummy substances that bees collect from tree shoots and then mix with their own secretions. It contains phenolic compounds, fatty acids and a high mineral content (silver, boron, barium, cobalt, iron, zinc, copper, aluminium, etc.) and vitamins A, B1, B2, C and E.

Zinc: accelerates healing processes and repairs epithelial damage, helping to maintain the protective mucosa and epithelium barrier.

Vitamin A: this is essential for the correct functioning of the epithelium protective barrier, and the mucus secreting cells (protective barrier). It is involved in the production of specific proteins linked to the normal growth and development of children and their immune and reproductive system.

Vitamin E: plays an important protective role against onslaught from free radicals. It is essential in the body's defensive mechanisms, and a lack of this vitamin causes limited growth, infertility, anaemia, loss of reflexes and muscle and nerve damage.

Vitamin C: antioxidant properties. This is essential for the production of the body's structural proteins and collagen. It acts on the detoxification processes of foreign substances (medication, toxins, etc.) and is fundamental to the defence mechanisms against infectious agents boosting the immune system.

Properties and characteristics of QuinCe:

- Natural vitamin and mineral supplement
- Well tolerated by children
- Coughs and colds: reduces the frequency, intensity and duration.
- Reduces the need for antibiotics.
- Reduces infections caught in schools and nurseries
- Improves the child's concentration, energy and vital attitude.
- Noticeably improves the child's appetite and attitude at mealtimes.

Indications:

- Vitamin-mineral supplement for growth.
- Restorative
- Prevents coughs, colds and flu, and also reduces the intensity and duration of these ailments.
- Prevents contagions in school children.
- Stimulates the child's appetite and desire for food.
- Prevents asthenia.



INFLUENCE OF NUTRITIONAL SUPPLEMENTS ON THE GROWTH AND RISK OF INFECTIONS IN CHILDREN

Dr. Carlos Aznar Sánchez. Zaragoza, year 1997

Material and methods:

A nutritional supplement called QUINCE from Laboratorios BIOSERUM S.L. was added to children's diet in liquid ampoule format.

Dose:

Children up to 5: 1 single dose drink dissolved in water of juice taken on alternate days.

Children over 5: 1 single dose drink every day 5 days a week.

Both groups took a total of 2 boxes of the product.

Study control and results:

On delivery of the first box

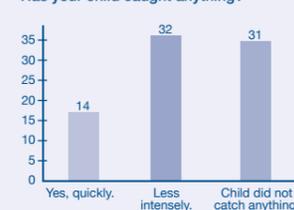
After taking the 2 boxes

3 months after taking the last dose

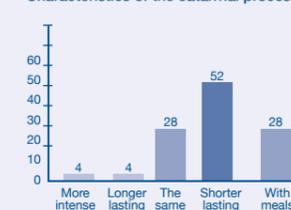
In total 354 children were studied, 39 % were girls, 61 % were boys. The most common age range was 4-5 years old.

Results:

Has your child caught anything?



Characteristics of the catarrhal processes



With meals



Conclusions:

1. We recorded a considerable number of upper airways catarrhal processes in children.
2. These illnesses cause children to take a significant amount of medication, mainly balsamic medicine and antibiotics.
3. These catarrhal processes get considerably worse when the child goes to school or nursery, in terms of intensity, frequency and the speed of infection.
4. A large percentage of children often display irritability and sleep problems. There is also a large number of children who show signs of a lack of appetite and refuse certain types of normal food.
5. Eating sweets and "junk" food can occur more frequently than it should.
6. The QUINCE dietary supplement leads to a considerable reduction in the number of infections, the intensity of catarrhal processes and the duration of them, even in situations where infection is very common.
7. Taking QUINCE significantly improves the child's concentration, energy levels and vital attitude.
8. After taking QUINCE an improvement was noted in sleep disorders and the quality of sleep.
9. QUINCE considerably improved the child's appetite and attitude to meals. It solved problems concerning a lack of appetite and helped the child to accept other food that was previously refused.
10. QUINCE is very well tolerated and accepted by children. No unwanted side effects were noted after taking it.



Ingredients per 15 ml or one single dose:

Royal jelly	250 mg
Propoleo	50 mg
Vitamin C	80 mg (100% de *NRV)
Zinc	5 mg (50% de *NRV)
Vitamin E	12 mg (100% de *NRV)
Vitamin A	800 mcg (100% de *NRV)
Vitamin D	5 mcg (100% de *NRV)

*NRV Nutrient Reference Value.

Presentation:

150 and 250 ml bottle of syrup or 18 x 15 ml single doses.

Directions for use:

Take one dose or 15 ml a day, on its own or with water or fruit juice.