

Immune-Tree Colostrum

Helps in Cases of an Overly Aggressive Immune Response

For years, colostrum has been used successfully as a whole food for health support by persons with autoimmune disorders—including immune deficiency, multiple sclerosis, rheumatoid arthritis, lupus, scleroderma, chronic fatigue syndrome and allergies. One of the reasons is that it is a particularly rich source of bioactive immune factors.

These many immune factors in Immune-Tree Colostrum work together to provide incredibly valuable immune-support benefits. Don't think of colostrum as a cure. It isn't that, but it does offer several keys to health.



Resources

Immune-Tree colostrum comes in capsules, powder, chewables and lozenges. The usual dosage is six capsules or chewables daily. If using powder, take ½ teaspoon twice daily with water. Immune-Tree is widely available at natural health centers nationwide, but if yours isn't carrying it yet, have them call Immune-Tree at (877) 295-1269 to order it for your use.

**Name changed to insure patient confidentiality.*

HELPS OVERCOME EPSTEIN BARR VIRUS

Three years ago, Jackie S.* of North Altamonte Springs, Florida, was diagnosed with active Epstein Barr virus. "I was tired and achy all the time. I had swollen glands and a constant sore throat. I did my best to stay as active as possible and I was faithful about a healthy diet—including my daily green drink. Although I was never actually bedridden, the continual fatigue was trying."

When she began taking "first-milking" colostrum, she initially felt very sick. "I got a fever and was even more tired for a couple of days. Then I got my strength back and I felt more energy than I had felt in 3 years. The aches and pains subsided and the perpetual sore throat went away. The acne I used to get on a monthly basis has disappeared and my skin is much smoother than it has been in a long time. I'm so happy to know what it's like to feel healthy again."

HELP FOR UNDERACTIVE OR OVERACTIVE IMMUNE SYSTEMS

An overactive immune system has been implicated in autoimmune diseases such as multiple sclerosis, rheumatoid arthritis, lupus, scleroderma, chronic fatigue syndrome, and allergies. An underactive system is implicated in increased risk for infectious conditions, cancer and bacterially related heart disease. Immune-Tree colostrum is by no means a cure but offers strategic health support. This is thanks in part to Immune-Tree colostrum being a rich source of a

hormone called proline-rich polypeptide (PRP). PRP is a hormone that regulates the thymus gland, stimulating an underactive immune system or subduing an overactive immune system. In a 1979 study published in *Immunology*, it was shown that PRP could either stimulate or suppress the immune response.¹

PRP causes the body's immune cells to produce cytokines. Cytokines are proteins that regulate the duration and intensity of the body's immune response. They also are responsible for cell-to-cell communication; boost T-cell activity; and stimulate the body's production of immunoglobulins.

HELP FOR MULTIPLE SCLEROSIS

Previous virological and immunological studies have suggested that multiple sclerosis is an autoimmune disease triggered by a virus infection. In a study published in 1984, a specially produced colostrum was orally administered every morning to 15 patients with MS at a daily dosage of 100 milliliters for 30 days.² A measles-negative antibody control colostrum was orally administered to 5 patients. As a result, among seven high-symptom patients, five recipients improved and two remained unchanged. Among 8 low-symptom patients, five patients improved and three remained unchanged. Among those receiving the placebo, two patients remained unchanged and three worsened. No side effects were observed in colostrum recipients. "These findings suggest the efficacy of orally administered anti-measles colostrum in improving the condition of MS patients."

THE DOCTORS' PRESCRIPTION

First-milking colostrum is taken from dairy cows within 0 to 6 hours after birth of the calf. This is important to know. The sooner the colostrum is collected, the less diluted it is by the subsequent production of milk, and the greater the concentration of immune factors, growth factors, antioxidants and anti-inflammatory agents. Unfortunately, much of what today is sold as colostrum—especially on the mass market and over the Internet by companies that purchase it as simply another bulk commodity item—comes from the first four to six milkings after the birth of the calf and is as old as 72 hours. "At Immune-Tree, we collect colostrum once," notes Anthony Kleinsmith, PhD. "Our product is comprised only of 'first-milking' colostrum. It is never diluted with transitional milk—never adulterated—never fractionated." ■



Anthony Kleinsmith, PhD

References

- 1 Wluczorek, Z., et al. "Proline-rich polypeptide from ovine colostrum: its effect on skin permeability and on the immune response." *Immunology*, 1979;36(4):875-881.
- 2 Ebina, T., et al. "Treatment of multiple sclerosis with anti-measles cow colostrum." *Med Microbiol Immunol (Berl)*, 1984;173(2):87-93.