Calcium D-Glucarate

What is Calcium D-Glucarate?
Calcium D-Glucarate is the patented form of D-glucarate, a natural substance that helps the body get rid of toxins and excess amounts of hormones such as estrogen. D-glucarate is found primarily in fruits and vegetables such as apples, grapefruit, oranges, bean sprouts, and broccoli. It is also produced in small amounts in the body.

What does Calcium D-Glucarate do?
Studies on calcium-D-glucarate show that increasing intake of D-glucarate beyond amounts than can be obtained by food alone is effective in enhancing detoxification of potentially harmful substances, including various carcinogens. Research institutions such as the M.D. Anderson Cancer Center, Memorial Sloan-Kettering Cancer Center, and other major cancer centers have reported on the health benefits of calcium D-glucarate for breast and other tissues.

How does Calcium D-Glucarate work?
Upon ingestion, D-glucarate is slowly released from calcium D-glucarate and forms a compound that inhibits the enzyme beta-glucuronidase. This enzyme reduces the excretion of chemical carcinogens and steroid hormones including estrogen. Although beta-glucuronidase has some useful functions in the body, it can become overactive, allowing toxins and hormones to be reabsorbed back into the body instead of being excreted. The slow-release nature of calcium D-glucarate inhibits about 50% of the enzyme activity over a five hour period, thus helping the body to safely remove undesirable amounts of estrogen and other compounds. Because beta-glucuronidase enzymes are present in the liver, kidney, spleen, intestines, reproductive organs, and many other tissues, the beneficial actions of calcium D-glucarate occur throughout the body.

Who should take Calcium D-Glucarate?
Anyone concerned about assisting the body’s natural detoxifying ability can take calcium D-glucarate as it is a very safe, well-tolerated compound. It is especially suitable for individuals with routine exposure to environmental agents who wish to ensure an added measure of protection beyond that provided by antioxidants. Calcium D-glucarate may be especially important for women concerned about maintaining healthy breast tissue.

How much Calcium D-Glucarate should I take?
The amount needed varies between individuals. For general daily use, one 500 mg capsule daily is usually sufficient. Individuals with higher chemical exposures, excess levels of estrogen or other hormones, or those who are currently ill may need two or more capsules daily. The appropriate amount will be determined by your doctor.

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

©Copyright 2003-2005 ProThera®, Inc., Reno, NV. All rights reserved.