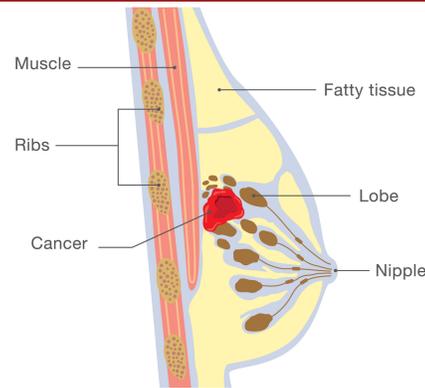




VITAMIN D WITH OTHER MICRONUTRIENTS SHOW BENEFITS IN BREAST CANCER



After skin cancer, breast cancer is the most common cancer in women in the US, and about 1 in 8 are likely to develop it during their lifetime. According to the American Cancer Society, approximately 268,600 new cases of invasive breast cancer and 62,930 of noninvasive (in-situ) breast cancers will be diagnosed in the US this year.

Despite expensive treatment options and the availability of pharmaceutical drugs, the long-term outlook for curing breast cancer remains poor. While women are aware of breast cancer, very few take steps towards prevention other than mammogram screenings. Men can also develop breast cancer and one percent of all breast cancers are in males. However, male breast cancer is difficult to treat, which is mainly due to lack of awareness and a delay in diagnosis resulting in the cancer having already spread.

The aggressiveness of cancer is determined by the ability of cancer cells to spread to distant organs in the body (metastasis). An important factor in metastasis is the loss of integrity of the collagen matrix surrounding the cancer cells. Numerous studies at the Dr. Rath Research Institute have shown that a combination of natural components, including vitamin C, the amino acids lysine and proline, green tea extract, and others, can affect key mechanisms involved in cancer. The efficacy of this nutrient combination has been confirmed in approximately 60 different types of cancer cell lines.

A recent study at the Dr. Rath Research Institute looked at the anticancer potential of Vitamin D (also known as the “sunshine vitamin”). A deficiency of vitamin D has been associated with several chronic diseases such as diabetes, asthma, osteoporosis, as well as

various types of cancers which include breast, prostate, lung, thyroid, and colorectal cancers. Some studies have shown that Vitamin D can kill cancer cells by inducing apoptosis, inhibiting the invasion of cancer cells, and curbing angiogenesis.

In the recent study* the Dr. Rath Research Institute scientists tested the effects of vitamin D alone, and in combination with a group of synergistic nutrients on breast cancer. When tested alone, vitamin D inhibited cell growth, however, the dose required to achieve this effect was much higher than the acceptable safe dose. Therefore, we further tested the efficacy of lower doses of vitamin D but combined with green tea extract, and with the synergistic micronutrient mixture (NM). The results showed that combining vitamin D with the green tea extract inhibited the growth of breast cancer cells by 62%. However, vitamin D in combination with the nutrient mixture (which contained green tea extract, vitamin C, lysine, proline, and others) had a significantly more pronounced effect on the growth of breast cancer cells. With incremental doses of the NM, and keeping the dose of vitamin D constant, the breast cancer cell growth was inhibited as much as 94%.

While the efforts to build breast cancer awareness focus on early detection and treatment of breast cancer, it is also important to emphasize the significance of micronutrients in natural prevention of this frightening disease. Although several micronutrients are individually effective in combatting breast cancer, our scientific results clearly indicate that their efficacy can be significantly increased by their appropriate combination with specific micronutrients.

**Ref: V Ivanov et al., J CM & NH, June 2019*

This information is provided to you by the Dr. Rath Research Institute a leader in the breakthrough of natural health research in the field of cancer, cardiovascular disease and other common diseases. The Institute is a 100% subsidiary of the non-profit Dr. Rath Foundation.

The ground-breaking nature of this research poses a threat to the multi-billion dollar pharmaceutical “business with disease”. It is no surprise that over the years the drug lobby has attacked Dr. Rath and his research team in an attempt to silence this message. To no avail. During this battle, Dr. Rath has become an internationally renowned advocate for natural health. Says he: “Never in the history of medicine have researchers been so ferociously attacked for their discoveries. It reminds us that health is not given to us voluntarily, but we need to fight for it.”

This information is based on scientific research results. It is not intended to substitute for medical advice to treat, cure, or prevent any disease.
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