

NEWS: Pancreatic Cancer patient survival doubled with high dose of common vitamin (Vitamin C IV Infusions), study finds



DR. WILLIAM MAKIS MD

DEC 05, 2024 · PAID



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BENEFITS OF HIGH DOSE VITAMIN C IV



Relieves
chemotherapy-related
fatigue

Helps with dizziness
and nausea



Improves mood and
energy levels

Helps improve sleep



Reduces pain

Improves quality of life



Reduces inflammation
and oxidative damage



Researchers found that the high doses of vitamin C “worked great” in killing cancer cells.

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By: Angelica Stabile , Fox News

Published Dec. 4, 2024, 4:35 p.m. ET

[High doses of vitamin C could be a new breakthrough in treating cancer.](#)

The University of Iowa Health Care Carver College of Medicine has shared results from a randomized, phase 2 trial testing the impact of adding high-dose vitamin C intravenous chemotherapy treatments for pancreatic cancer patients.

The researchers found that administering 75 grams of vitamin C three times a week doubled overall survival rates of patients with late-stage metastatic pancreatic cancer from eight months to 16 months.

The study, published in the journal *Redox Biology*, also found that progression-free survival was extended from four to six months.

Lead researcher Joseph Cullen, MD, University of Iowa professor of surgery and radiation oncology, shared in an interview with Fox News Digital that the “groundbreaking” findings are the result of 20 years of research on vitamin C.

After testing vitamin C in the lab, Iowa researchers found that using vitamin C in much higher doses “worked great” in killing cancer cells.

“We found that at these high doses, ascorbate [vitamin C] actually generates hydrogen peroxide,” Cullen said. “And the hydrogen peroxide is what kills the cancer cells.”

The patients who received vitamin C in the phase 2, FDA-approved trial also seem to “better tolerate the chemotherapy they were given,” according to the research.

“Therefore, they got more chemotherapy for longer periods of time and larger doses of chemotherapy, which also would kill the tumor cells,” he added.

Intravenous vitamin C could also help combat other kinds of cancer, according to Cullen, who mentioned that his colleagues are looking into treating lung and brain cancer.

Dr. Georgios Georgakis, a surgical oncologist at Stony Brook Medicine in New York, noted that these findings could “potentially be a breakthrough” for cancer patients.

“It seems to be working synergistically with chemotherapy,” Georgakis, who was involved in the study, said in a separate conversation with Fox News Digital.

Dr. Joshua Strauss, an attending hematologist and medical oncologist at Advanced Care Oncology and Hematology Associates of the Atlantic Medical Group in Morristown, New Jersey, also expressed his support for this method.

“Small clinical trials such as this one have recently provided exciting and consistent signals that vitamin C, which is inexpensive and well-tolerated, may improve the

efficacy of chemotherapy with a good quality of life,” the oncologist, who also was involved in this new research, said in a statement sent to Fox News Digital.

Vitamin C, or ascorbic acid, is an “essential dietary nutrient” found in various foods like citrus fruits, tomatoes, potatoes, broccoli, strawberries, cabbage and spinach, according to Strauss.

Georgakis noted that vitamin C can help with tissue growth and repair, collagen production, wound healing, bone and skin health, and immune support.

In lower doses, vitamin C acts as an antioxidant. The Food and Drug Administration (FDA) recommends getting 75mg to 90mg daily.

Once the body has taken in enough vitamin C, any excess is excreted through the kidneys and won't be absorbed, Cullen pointed out.

But once the dosage is bumped to much higher levels, such as 75 grams, it acts as a pro-oxidant.

“So, it actually makes these reactive oxygen species that kill cancer cells well,” he said.

It would take backing from a pharmaceutical company to support what would be a “multi-million-dollar” phase 3 trial to continue research, according to Cullen.

For now, he suggests that cancer patients interested in exploring IV vitamin C should talk to their oncologist and seek out professionals who can administer it.

Strauss applauded the researchers and the National Cancer Institute for their effort, noting that he read the results with “cautious optimism.”

“Pancreatic cancer can be extremely difficult to treat, and I am hopeful whenever I read positive results from a phase 2 study,” he went on. **“However, the study has several limitations, and the results should be carefully interpreted.”**

Strauss and the study authors acknowledged some of those limitations, including a small sample size of 34 patients and lack of diversity.

“Larger randomized phase 3 trials are needed to confirm the results before this is adopted into widespread clinical use,” Strauss told Fox News Digital.

Georgakis agreed that although the trial did have a “very good outcome,” this is “not the golden bullet for treating cancer.”

“However, this is exactly what we need – incremental, good outcomes in our fight against cancer,” he said



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JerryB 5. dec.

Does this mean Linus Pauling was onto something? LOL

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5 replies



Gandalph56 5. dec.

I wonder whether high dose vitamin c iv's would work much better with Ivermectin and Fenbendazole/Menbendazole than with Chemo.

Surprisingly even in Communist Canada you can still find naturopathic clinics that administer high vitamin c iv's.

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