

## **Joe Tippens' Protocol and Scientific Backing**

### **I. Protocol**

- a. Tocotrienol and Tocopherol forms (all 8) of **Vitamin E** (400-800mg per day, 7 days a week). A product called Gamma E by Life Extension or Perfect E are both great.
- b. Bio-Available **Curcumin** (600mg per day, 2 pills per day 7 days a week). A product called Theracurmin HP by Integrative Therapeutics is bioavailable.
- c. **CBD oil** (1-2 droppers full [equal to 25mg per day] under the tongue, 7 days a week)
- d. Panacur C, The above three items every day (7 days per week) and the canine medicine (1 GRAM PER DAY FOR 3 CONSECUTIVE DAYS) per week. Take 4 days off and repeat each week. Each gram of Panacur C has approximately 222 mg of **Fenbendazole**, in case you are trying a different branded product.

### **II. Scientific Backing** *(ctrl click on links or copy to address bar)*

#### **a. Tocotrienol and Tocopherol all forms of Vitamin E**

**Delta-Tocotrienol Modulates Glutamine Dependence by Inhibiting ASCT2 and LAT1 Transporters in Non-Small Cell Lung Cancer (NSCLC) Cells**

[https://www.researchgate.net/figure/dT-inhibits-glutamine-transporters-LAT-1-and-ASCT2-and-the-mTOR-pathway-in-A549-and\\_fig3\\_331736895](https://www.researchgate.net/figure/dT-inhibits-glutamine-transporters-LAT-1-and-ASCT2-and-the-mTOR-pathway-in-A549-and_fig3_331736895)

**Targeting autophagy using natural compounds for cancer prevention and therapy: Autophagy, Cancer, and Natural Compounds**

[https://www.researchgate.net/publication/331053065\\_Targeting\\_autophagy\\_using\\_natural\\_compounds\\_for\\_cancer\\_prevention\\_and\\_therapy\\_Autophagy\\_Cancer\\_and\\_Natural\\_Compounds](https://www.researchgate.net/publication/331053065_Targeting_autophagy_using_natural_compounds_for_cancer_prevention_and_therapy_Autophagy_Cancer_and_Natural_Compounds)

#### **b. Curcumin**

**Curcumin inhibits the proliferation and invasion of MG-63 cells through inactivation of the p-JAK2/p-STAT3 pathway.**

<https://www.ncbi.nlm.nih.gov/pubmed/30936718>

**Targeting autophagy using natural compounds for cancer prevention and therapy: Autophagy, Cancer, and Natural Compounds**

[https://www.researchgate.net/publication/331053065\\_Targeting\\_autophagy\\_using\\_natural\\_compounds\\_for\\_cancer\\_prevention\\_and\\_therapy\\_Autophagy\\_Cancer\\_and\\_Natural\\_Compounds?fbclid=IwAR2NSQsAWVlkukr\\_-N35gwrLAA41GOBzHRr\\_iNvRPqLMKPGN\\_z9ZwN1gys](https://www.researchgate.net/publication/331053065_Targeting_autophagy_using_natural_compounds_for_cancer_prevention_and_therapy_Autophagy_Cancer_and_Natural_Compounds?fbclid=IwAR2NSQsAWVlkukr_-N35gwrLAA41GOBzHRr_iNvRPqLMKPGN_z9ZwN1gys)

**Curcumin exerts cytotoxicity dependent on reactive oxygen species accumulation in non-small-cell lung cancer cells.**

<https://www.ncbi.nlm.nih.gov/pubmed/30843426>

**c. CBD Oil**

**The Antitumor Activity of Plant-Derived Non-Psychoactive Cannabinoids.**

<https://www.ncbi.nlm.nih.gov/pubmed/25916739>

**The Antitumor Activity of Plant-Derived Non-Psychoactive Cannabinoids.**

<https://www.ncbi.nlm.nih.gov/pubmed/25069049>

**d. Fenbendazole**

**Fenbendazole acts as a moderate microtubule destabilizing agent and causes cancer cell death by modulating multiple cellular pathways**

<http://www.nature.com/articles/s41598-018-30158-6>

**\*\*\*\*\*Altogether, our findings show microtubule disruption, p53 stabilization and interference with glucose metabolism as collective underlying mechanisms of FZ induced preferential elimination of cancer cells both in vitro and in vivo.**

**Unexpected Antitumorigenic Effect of Fenbendazole when Combined with Supplementary Vitamins**

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2687140/?fbclid=IwAR3yvPTYrBmN4Kkcr53D7w7DyTo7fvIMIDAANfuxgPqvH9OZssltC3gH8S0>

**Effects of fenbendazole and vitamin E succinate on the growth and survival of prostate cancer cells**

[https://www.researchgate.net/publication/260343692\\_Effects\\_of\\_fenbendazole\\_and\\_vitamin\\_E\\_succinate\\_on\\_the\\_growth\\_and\\_survival\\_of\\_prostate\\_cancer\\_cells?fbclid=IwAR1y3k wGHlJrMjpEMM3iHTxUA3eWoQDHo01oD2ExqSwa MWGc-Y3Hi0I-Y4](https://www.researchgate.net/publication/260343692_Effects_of_fenbendazole_and_vitamin_E_succinate_on_the_growth_and_survival_of_prostate_cancer_cells?fbclid=IwAR1y3k wGHlJrMjpEMM3iHTxUA3eWoQDHo01oD2ExqSwa MWGc-Y3Hi0I-Y4)

**Drug library screen reveals benzimidazole derivatives as selective cytotoxic agents for KRAS-mutant lung cancer**

<https://www.ncbi.nlm.nih.gov/pubmed/30862488>

**Parasite treatment may help people with brain cancer**

<https://www.baltimoresun.com/health/bs-hs-pinworm-cancer-drug-20140506-story.html>