



[Review Article Coupling of pulsed electromagnetic fields \(PEMF\) therapy to molecular grounds of the cell](#)

"there are endogenous mechanisms, indeed, which can act as triggers for PEMF like the **resting membrane potential** as well as resonance mechanisms in **charged moieties like membrane transporters**. Especially **voltage-gated calcium channels** can be triggered. These may lead into specific signaling pathways and also may elicit **nitric oxide** as well as **moderate radical reactions**, which can ultimately lead to e.g. **NFκB-like reactions**. Concerted in the right way, these reactions can cause a kind of cell protection and ultimately lead to a **dampening of inflammatory signals like interleukins**."

[ELF Fields and Photooxidation Yielding, Lethal Effects on Cancer Cells](#)

"The results show a decreasing vitality of human K-562 and U-937 cancer cells in suspension with each additional treatment."

[Inhibition of Proliferation of Human Lymphoma Cells U937 by a 50 Hz Electromagnetic Field](#)

"Stronger fields (> or =2.5 mT) inhibit cell division. Fields > or =3.5 mT treatment kill > or =80% of the cell number at the beginning (1.5 x 10(5)/ml)."

"In vitro studies have demonstrated that **tumor-specific frequencies** identified in patients with various forms of cancer are capable of blocking the growth of tumor cells in a tissue- and tumor-specific fashion. Current experimental evidence suggests that tumor-specific modulation frequencies **regulate the expression of genes** involved in **migration and invasion** and **disrupt the mitotic spindle**."

[Targeted treatment of cancer with radiofrequency electromagnetic fields amplitude-modulated at tumor-specific frequencies](#)

Inflammation

Cancer

Bacteria, Viruses, Fungi, Parasites?

[Bactericidal Activity of Gallium-Doped Chitosan Coatings Against Staphylococcal Infection](#)

PEMF reduced biofilms in vitro in Staphylococcus epidermidis and Staphylococcus aureus, the main strains involved in postarthroplasty infections

In combo with Rife?

Dr. Whitton <http://adonaiohw.com/> (no info on website about it but on the phone she said she does them in combo)

"Proliferative inhibition and mitotic spindle disruption [18, 40],"

[Mechanisms and therapeutic effectiveness of pulsed electromagnetic field therapy in oncology.](#)

"Block the development of neovascularization required for tumor supply [46-48]"

[Mechanisms and therapeutic effectiveness of pulsed electromagnetic field therapy in oncology](#)

"Reducing the stringency of the late-cycle (G2) checkpoint [49]."

[Mechanisms and therapeutic effectiveness of pulsed electromagnetic field therapy in oncology.](#)

"Selective cytotoxic effect on neoplastic cells [15, 40, 53-55]"

[Mechanisms and therapeutic effectiveness of pulsed electromagnetic field therapy in oncology.](#)

MMP-9 and TIMP-1 (Prevents metastasis by preserving the integrity of the matrix between cells)

[Effect of Pulsed Electromagnetic Field on MMP-9 and TIMP-1 Levels in Chondrosarcoma Cells Stimulated with IL-1β](#)

PEMF

History? Why does it work?
How is it God's design?
<https://www.pemf.com/en/history.html>

Magnetism
Electricity

"I was attracted to faith by magnets, yes magnets"
<http://www.uscatholic.org/articles/201609/i-was-attracted-faith-magnets-yes-magnets-30763>

Machines

Pulse Centers
(\$13,200-\$18,200-\$31,200)
<https://pulsecenters.com/>

Sequex (Italy, UK, no prices listed)
<https://www.sequex.it/sequex/?lang=en>

Avazzia/Bonrich
Avazzia Medical Devices and Kits List (besides sport device/kit)
<https://www.avazzia.com/product-category/medical-devices-kits/>

Bonrich/Avazzia products list
<http://www.bonrichacademy.com/products/>

Avazzia/Bonrich costs

- Blue kit \$366/\$349
- Med Sport kit \$471/\$449
- BEST PRO-1 \$1103/\$1050
- BEST RSI \$1574/\$1332 (w/w/o kit)

MM's experience - Avazzia

MG's experience - Pulse Centers
<https://pulsecenters.com/>