



PULSED MAGNETIC THERAPY



HISTORY

FOR THOUSANDS OF YEARS MAGNETS HAVE BEEN USED BY CHINESE, EGYPTIANS, GREEKS, ROMANS /and others/ TO HEAL.





Pliny the Elder



Gaius Plinius Secundus (AD 23 – AD 79), better known as Pliny the Elder (|), was a Roman author, naturalist, and natural philosopher, as well as naval and army commander of the early Roman Empire, and personal friend of the emperor Vespasian.

Born: 23

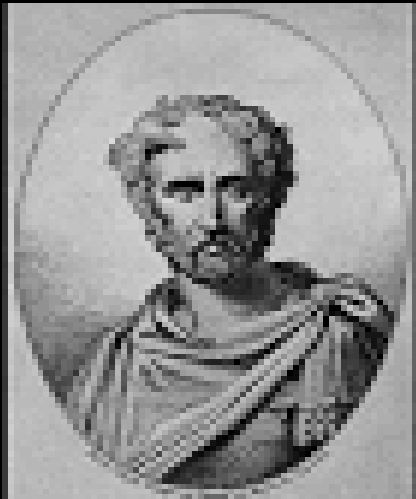
Died: 79

Nationality: Roman

Occupation: Author

Hope is the pillar that holds up the world.
Hope is the dream of a waking man.






It is generally much more shameful to lose a good reputation than never to have acquired it.

(Pliny the Elder)

izquotes.com

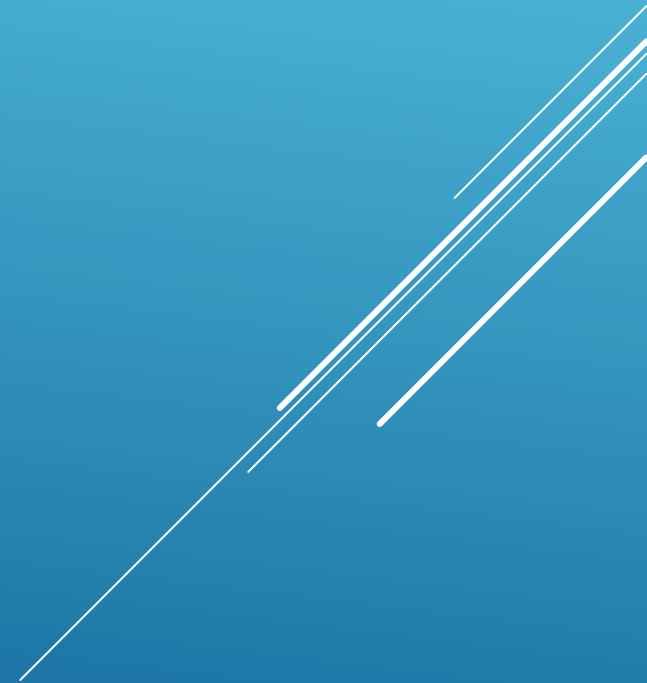
- ▶ **MAGNETIC FIELD- EARTH: 0,04 mT**
 - ▶ **THERAPEUTIC DOSE: 10-80 mT**
 - ▶ **NMR: 3 T**
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Here are Proven Health Benefits Of Magnetic Therapy:

- ▶ Boosts energy and strength
- ▶ Improves blood circulation & health
- ▶ Increase in absorption of oxygen from the lungs
- ▶ Normalizes blood pressure
- ▶ Recovers torn tendons and muscles
- ▶ Recovers sport injuries quickly
- ▶ Helps reduce bruises, swelling and alleviate pain
- ▶ Reduces cramps
- ▶ Improves mobility of arthritic joints
- ▶ Releases stress, reduces depression and aids in sound sleeping

ELEKTROMAGNETIC INTERACTION:

- ▶ Electric field induces magnetic field
- ▶ Magnetic field induces electric field



- ▶ **This situation is in our body too, so that electronic equipments in our body are KI for magnetotherapy**




ELECTROMAGNETIC FIELD


- An electromagnetic field (also EMF or EM field) is a physical field produced by moving electrically charged objects.
- It affects the behavior of charged objects in the vicinity of the field.
- The electromagnetic field extends indefinitely throughout space and describes the electromagnetic interaction.
- It is one of the four fundamental forces of nature (the others are gravitation, the weak interaction, and the strong interaction).
- The field can be viewed as the combination of an electric field and a magnetic field.

The electric field is produced by stationary charges, and the magnetic field is produced by moving charges (currents) and changing electric fields.

INDICATIONES:

- ▶ Arthrosis
 - ▶ CRPSy
 - ▶ Tendinitis and tendovaginitis
 - ▶ Delayed healing
 - ▶ Burns
 - ▶ Fibromyalgia
 - ▶ Delayed bone splicing
 - ▶ Entrapments syndroms
 - ▶ Lumbabo
 - ▶ Spasticity
 - ▶ strains
 - ▶ cerebral pulsus
 - ▶ osteoporosis
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KONTRAINDIKACIONES:

- ▶ Metals in human body, which can be heat in magnetic field/ silver AI, .../
 - ▶ Patients with kardioostulator or with defibrilator
 - ▶ Every electronic equipment in the body/pumps, encochlear machine../
 - ▶ Pregnancy
 - ▶ Tumors
 - ▶ Epilepsy/ aplic. on the head/
 - ▶ Serious circularory disorders
 - ▶ acute infection
 - ▶ Mycosis/non healing/
 - ▶ Hyperfunction of the thyroid gland
- 


TREATMENT:

- ▶ USUALLY LASTING 30 MINUTES
 - ▶ 2-7x PER WEEK
 - ▶ 10- 20 TIMES
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WE CAN USE WITH:

- ▶ LLLTh
 - ▶ Massage
 - ▶ Manual therapy
 - ▶ balneotherapy
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NOTE:

- ▶ Patient have dress
 - ▶ No cards
 - ▶ No metal on the body
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► **NOTE:**

Magnetic field has vagotropic effect

So that slow verticalization after application is needed



