

Ozone-Therapy

In Gastrointestinal Disease

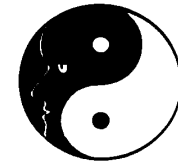
Pontevedra – Galicia

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for Holistic Medicine



Clinic for Internal Medicine and Paediatrics
Praxisgemeinschaft für Naturheilverfahren

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Kinderärztin

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Deutsch

English



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A Hearty Welcome



Welcome to our Clinic for Pediatrics and Internal Medicine
Specialising in **Holistic Medicine**

It is one of the main objects of our clinic to provide you with expert professional advise and to accompany you as a patient on the path of self healing in all aspects of your life. We stress man's responsibility for his own health and support his self initiative in order to gain a plus in quality of life. You will notice that we take time for you which forms an important part in the doctor patient relationship.

We look at the holistic aspect of man. Holistic Medicine therefor means to treat a symptom of an illness by putting it in the framework of supporting the whole person. The affected part of the body is integrated into and treated by the complex „whole“ structure of the body.

A Hearty Welcome

The Team

The Clinic

Holistic Medicine

Acupuncture

Homeopathy

Ozon Oxygen Therapy

Probiotics

Pediatrics

Impressum





Medical Ozone

Medical Ozone is a mixture of pure Oxygen and pure Ozone

0,05 %	O_3	-	5 %	O_3 (Vol.)
99,95 %	O_2	-	95 %	O_2

1 $\mu\text{g} / \text{ml}$	-	100 $\mu\text{g} / \text{ml}$
O_3		

Indications of Ozone Therapy

- **Arterial Circulatory Disorders**
- **Immunodeficiency and Immunodysbalance**
 - **Additive Therapy in Carcinoma Patients**
 - **Virus Caused Diseases**
- **Rheumatic Diseases**
- **Inflammatory Conditions**
- **External Ulcers and Skin Lesions**
- **Dentistry**

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Systemic Forms of Application

- Major Autohemotherapy MAH as extracorporeal blood treatment with O_3 and reinfusion of activated blood
- Rectal Insufflation of O_3 - O_2 mixture
- Minor Autohemotherapy as intramuscular injection of activated blood

Topical Forms of Application

- **Transcutaneous Ozone Gas Application** in gas-tight and ozone-resistant plastic covers
- **Ozonized Water** in the form of spray or compresses
- **Rectal O₃-O₂ Insufflation**
- **Intraarticular Injections**
- **Ozonized olive oil**

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Gastrointestinal Disease

1. Colon

a) Colitis Ulcerosa

b) Morbus Crohn

c) Chronic Irritable Bowel Syndrome

d) "Nervous Abdomen"

2. Hepatitis

3. Stomach Ulcer and Helicobacter Pylori

Gastrointestinal Disease

1. Colon

→→ Healing a chronic inflammation

a) Topical treatment with rectal insufflation

- i. 2-3x/week
- ii. 15-25 µg/ml Ozone concentration
- iii. 20-30 times

b) Systemic treatment with Major Auto Hemo Ther.

- i. 2-3x/week
- ii. 15-25 µg/ml Ozone concentration
- iii. 20-30 times

c) Combined approach of rectal and MAH therapy

Gastrointestinal Disease

1. Colon

→→ stopping a bleeding Proctocolitis

a) Topical treatment with rectal insufflation

i. (3-)5x/week

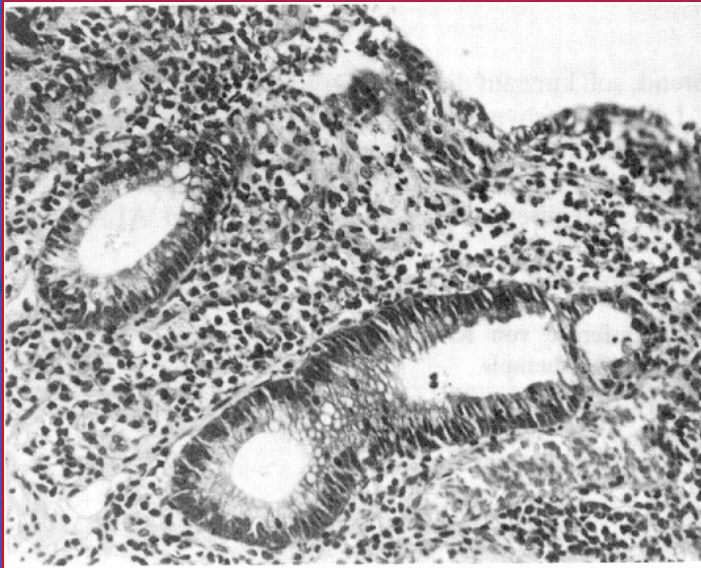
ii. 100 µg/ml Ozone concentration

iii. 3-5 times, usually enough

b) Systemic treatment with MAH Ther.

Is NOT as helpful as topical treatment

Ulcerous Proctocolitis



Florid Stage of Proctocolitis:

Pat. female, 45 yrs.

Destruction of epithelium, cryptal abscesses, massive leucocyte infiltration, partially invading the tunica propria (350x)



Control biopsy 4 weeks later: after rectal insufflation of 300 to 500 mls of O₃/O₂ with 20-30 µg/ml O₃ 3x/week

Manifest reversal of inflammation.
Intact epithelium.

(Knoch et al. „Aktuelle Koloproktologie“)

Ulcerous Proctocolitis

Florid Stage of Colitis

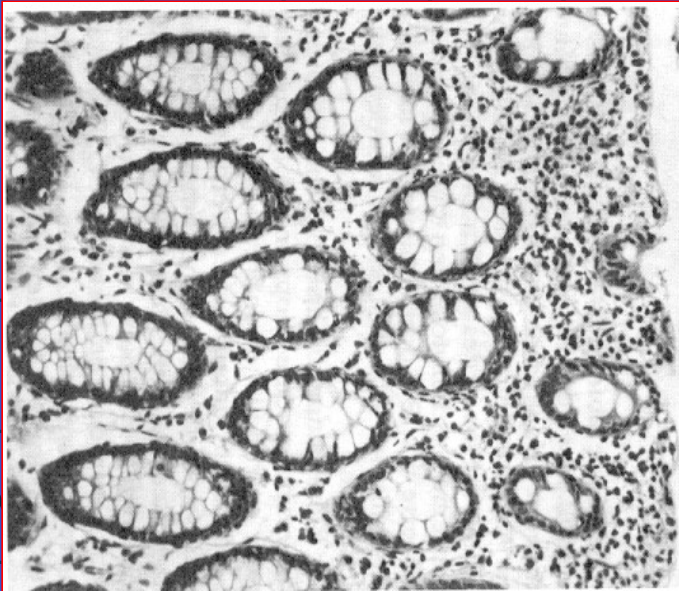
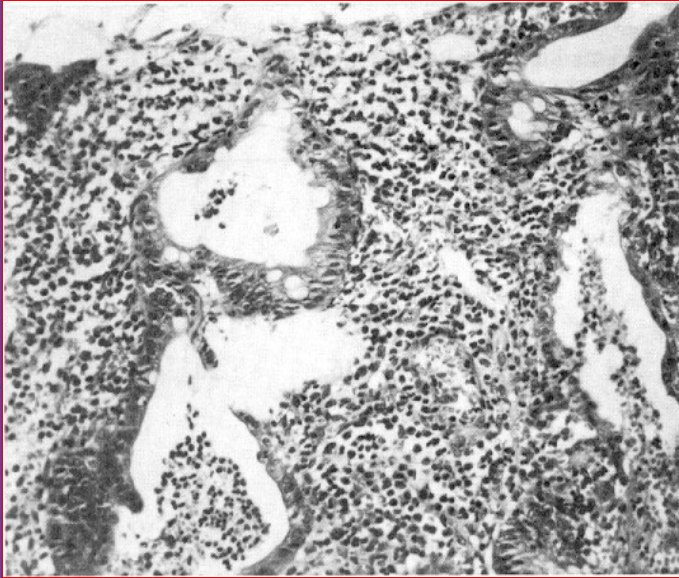
Pat. male 62 yrs.

Cryptitis with cryptal abscesses, chronic inflammation, destruction of the epithelium and massive infiltration of leucocytes (350x).

Control biopsy 4 weeks later:

After rectal insufflations of 300 mls of O₃/O₂ with 8,5-27 µg/ml O₃, 3x per week.

Regular epithelium, regular glandular tubes. Moderate leukocyte infiltration, manifest reversal of inflammatory changes (Knoch et al. „Aktuelle Koloproktologie“)





Gastrointestinal Disease

2. Hepatitis A/B/C

→ → chronic inflammation

- a) Systemic treatment with Major Auto Hemo Ther.
 - i. 3x/week
 - ii. 20-30 µg/ml Ozone concentration
 - iii. 30-50 times
- b) Topical treatment with rectal insufflation
 - i. 3x/week
 - ii. 20-30 µg/ml Ozone concentration
 - iii. 30-50 times
- c) IDEAL:
Combined approach of rectal and MAH therapy

Gastrointestinal Disease

2. Hepatitis A/B/C

→ → acute inflammation

a) Systemic treatment with Major Auto Hemo Ther.

- i. 5x/week
- ii. (20-)30 µg/ml Ozone concentration
- iii. 30-50 times

b) Topical treatment with rectal insufflation

- i. 5x/week
- ii. (20-)30 µg/ml Ozone concentration
- iii. 30-50 times

c) IDEAL:

Combined approach of rectal and MAH therapy
"Attack from two fronts"

Gastrointestinal Disease

2. Hepatitis A/B/C

→ → evaluation

a) Hepatitis C

- i. Studies at the University of Cairo/Egypt
- ii. Numerous case studies in Arab countries
- iii. as well as in Europe

b) Hepatitis B

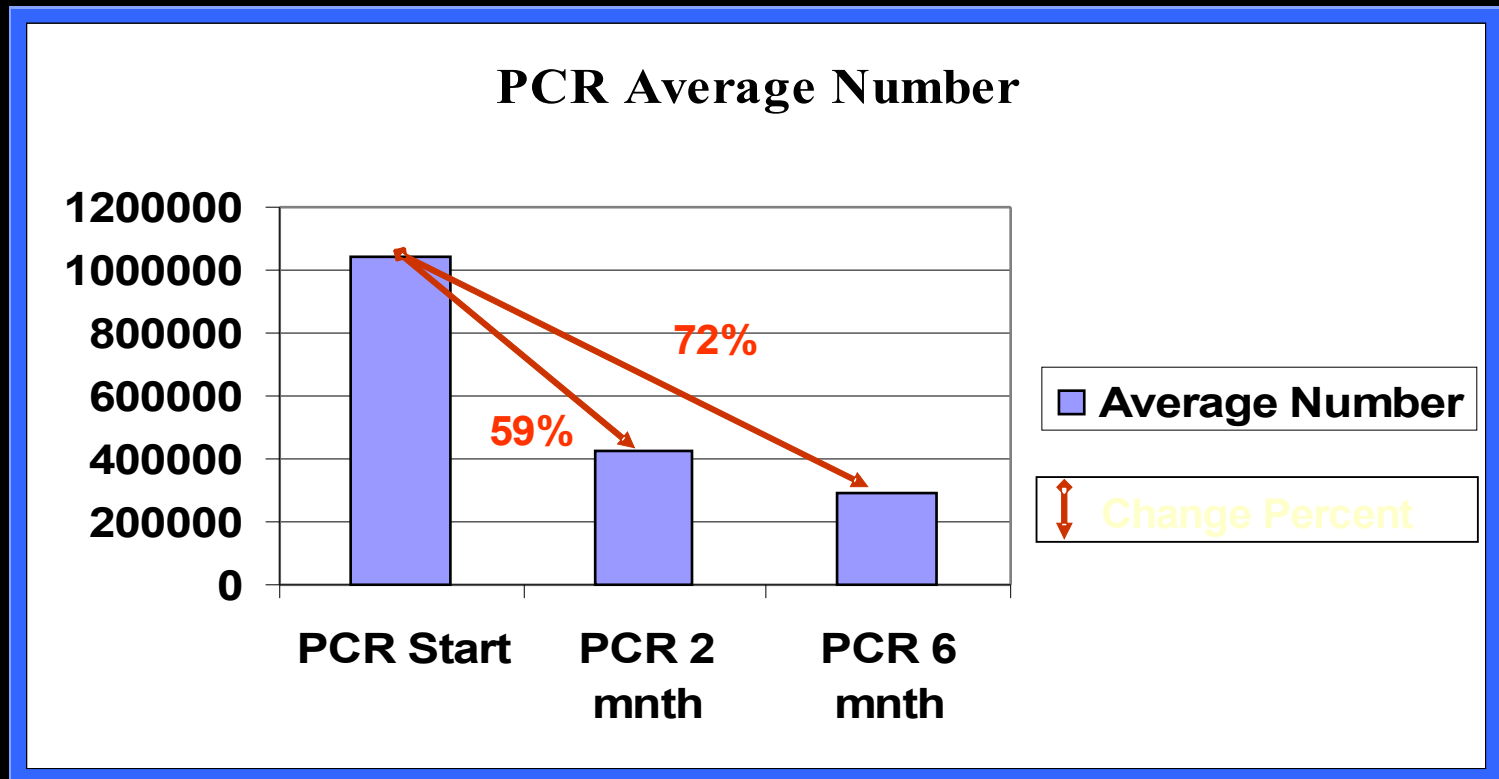
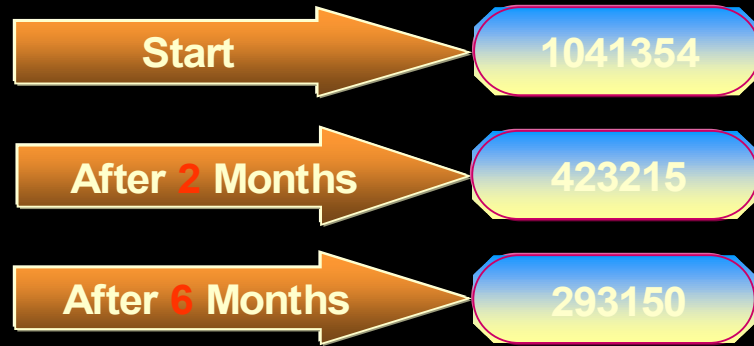
- i. Studies at several Universities in China
- ii. Numerous case studies in Asian countries
- iii. as well as in Europe

c) Hepatitis A

- a) Great to speed up healing process



PCR Average Number



Mawsouf 2003

SGOT - AST

Number

Normal

Abnormal

Start

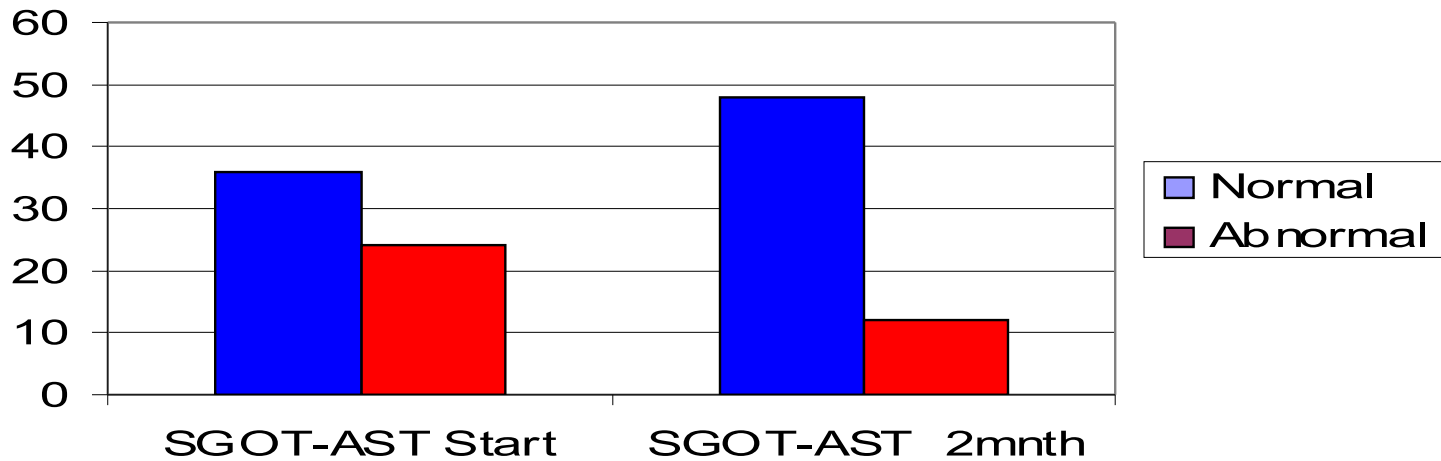
36

24

2 Month

48

12



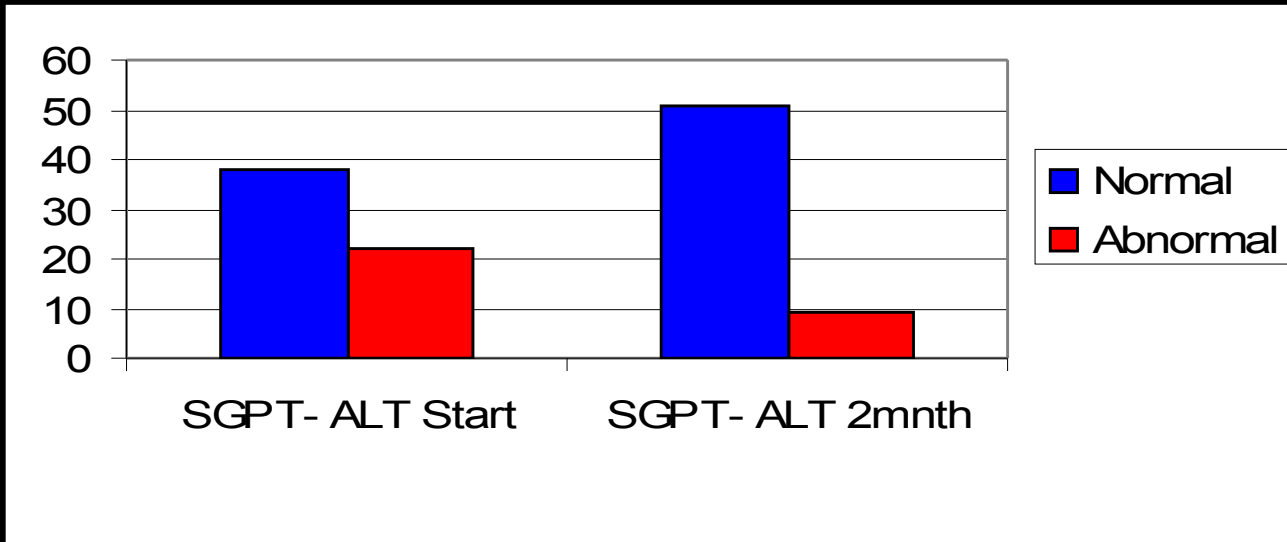
Mawsouf 2003

SGPT - ALT

Normal

Abnormal

	Start	2 Month
Normal	38	51
Abnormal	22	9



Mawsouf 2003

PCR % -ve

After 2 Months

Number -ve

12

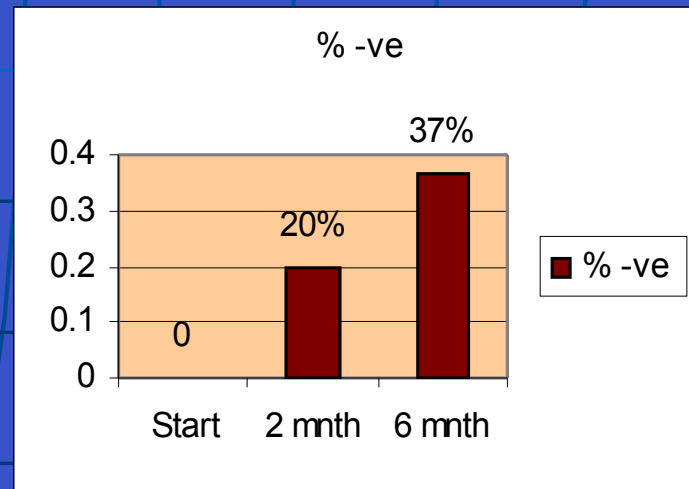
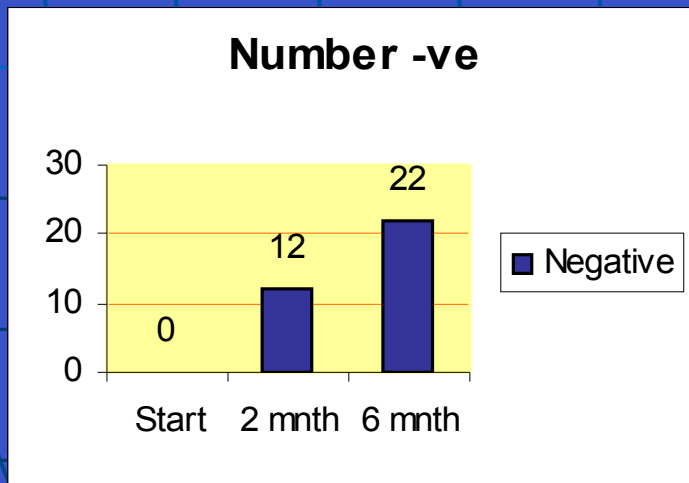
% -ve

%20.00

After 6 Months

22

%37.67



Mawsouf 2003

OZONE THERAPY IN PATIENTS WITH VIRAL HEPATITIS “C” A CLINICAL STUDY

BY

PROF. M. N. MAWSOUF*,,
DR. T. T. TANBOULI ** &
DR. W. I. EL-TAYAR****

* Cancer Institute, Cairo University

** Cairo Medical Center



Gastrointestinal Disease

3. Stomach

- → Healing a chronic inflammation
- a) Topical treatment with Ozone water
 - i. 7x/week and 1 hour after every meal
 - ii. 130 µg/ml Ozone concentration in water
 - iii. 4-6 weeks
 - b) Systemic treatment with Major Auto Hemo Ther.
 - i. 2-3x/week
 - ii. 15-25 µg/ml Ozone concentration
 - iii. 20-30 times
 - c) Combined approach of Ozone water and MAH therapy

Gastrointestinal Disease

3. Stomach

→ → Healing an acute problem

a) Topical treatment with Ozone water

- i. As often as possible
- ii. Ozone concentration in water - idem
- iii. Until problem is solved

b) Systemic treatment with Major Auto Hemo Ther.

- i. As often as possible
- ii. 15-25 µg/ml Ozone concentration
- iii. Until problem is solved

c) Combined approach of Ozone water and MAH

d) Combined approach of O₃ with



Mechanisms of Action

1. Activation of Immunocompetent Cells
2. Activation of Red Blood Cell Metabolism
3. Activation and Induction of Biological Antioxydants and Radical Scavengers

Concentration	Application	Indication	Efficacy
100 µg/ml 90 80	topical application	superinfected wounds bleeding colitis or bleeding proctitis	germicidal wound - cleansing
70 to 40	NONE	NONE	NONE
30 20 10	systemic treatment or topical treatment	circulatory disorders, immuno-dysbalance revitalization, improvement of wound healing	immuno modulation activation of RBC-metabolism increase of anti-oxidants

Contra Indications and Contra Applications

Contra Indications

1. Glucose-6 Phosphat-Dehydrogenase-Deficiency (Favism)
2. **Uncontrolled** Hyperthyroidism

„Contra Applications“

- Intravenous Gas Injections
- Intraarterial Gas Injections
- Hyperbaric Reinfusion

Contra Indications and Applications

In all practical sense:

extremely few !

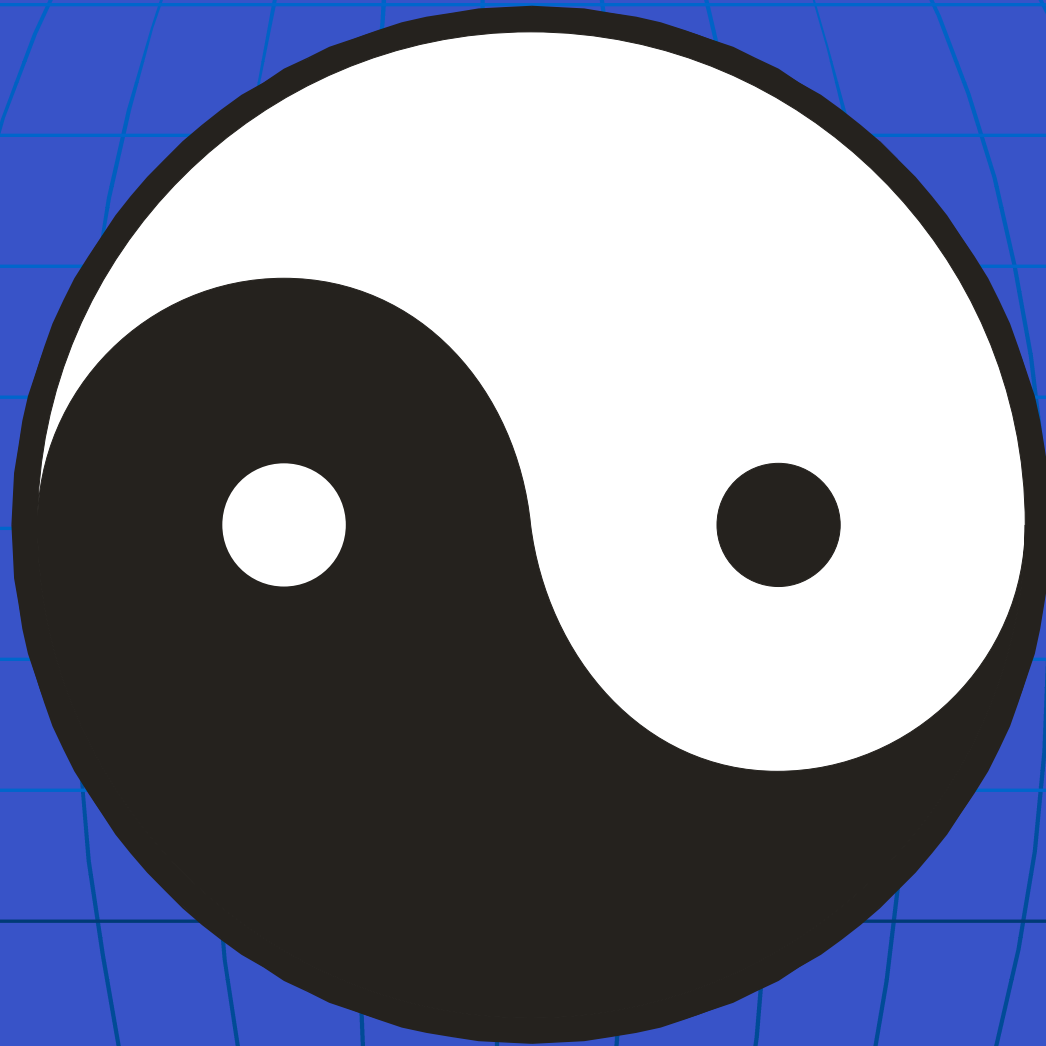
Medical Ozone

- can easily be learned
- can easily be administered
- can easily be delegated
- can easily be combined
 - with e.f. Probiotic Therapy
 - with Phytotherapy, Homeopathy and many other forms of therapy

Medical Ozone

- is good for our patients
- is simple in use
- is cheap for the health system
- is on the advance in many University Hospitals now for instance as prevention of side effects of chemotherapy





Thank you !

Gracias !