



physio quanta

MIL-THERAPY

L'EMERGENCE MEDICALE

DEEP CELL REGENERATION



physio quanta

MILTA DEVICE

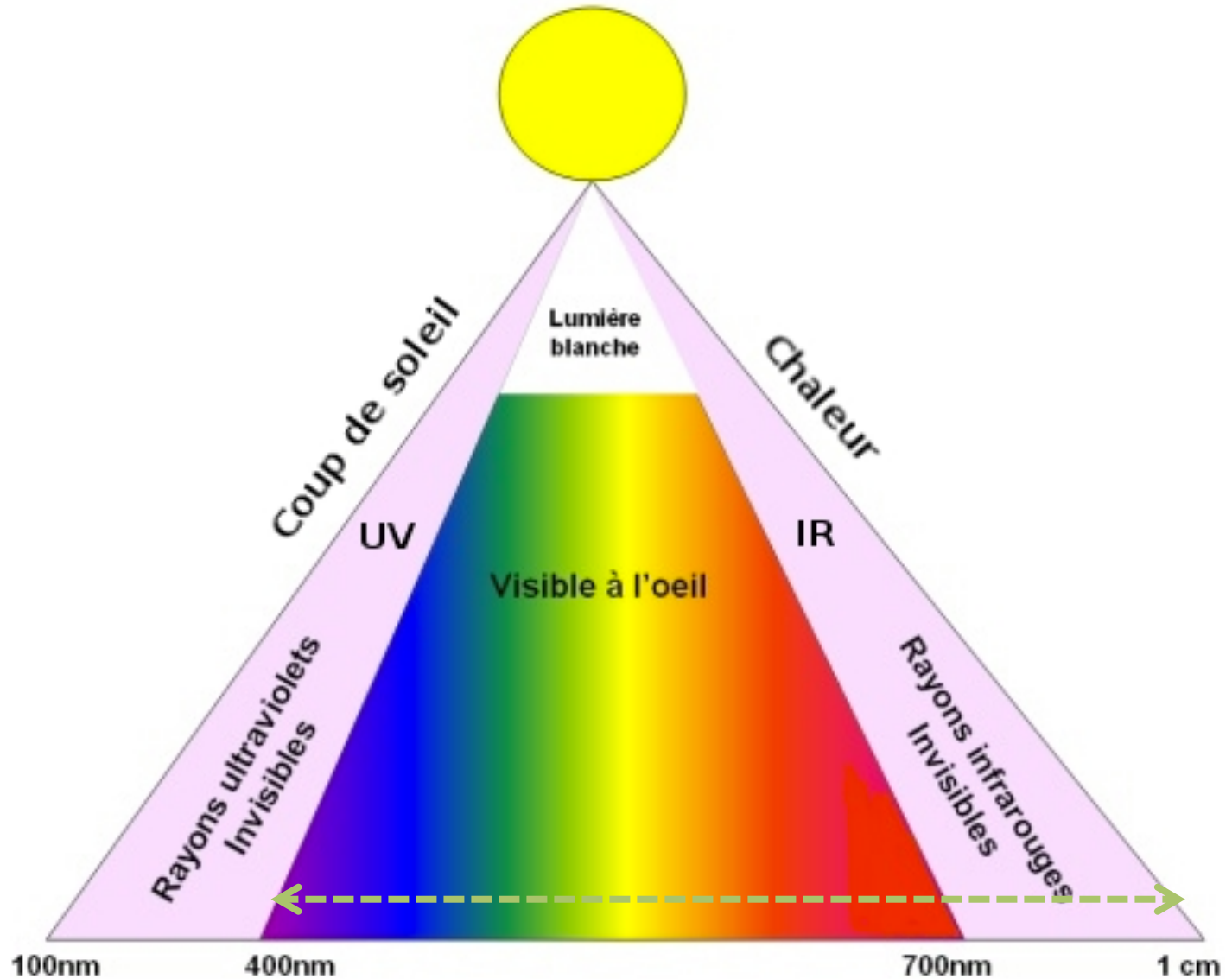
Synergistical Photonic Emission

- ▣ Exclusive Technology coupling :
 - ▣ **NPCL:** Monochromatic coherent Light -905 nm - Cl:1
 - ▣ **IR- Leds :** non coherent Light - 850 nm
 - ▣ **RVB- Leds :** Trichromatics non coherent Light - 400/730 nm
 - ▣ **EMFs:** Magnetic Static Field – 200 m

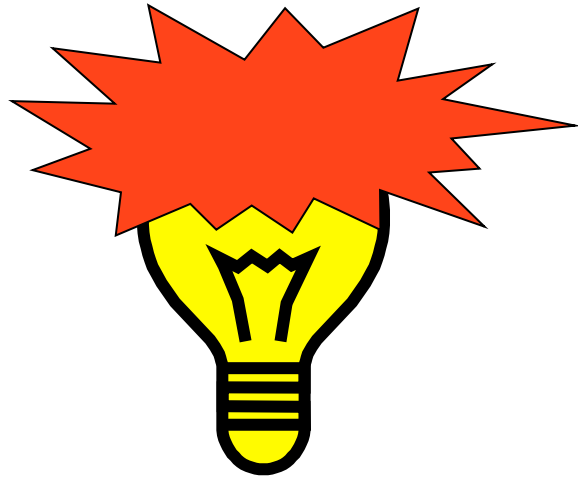




L'EMISSION PHOTONIQUE DU MILTA



2 TYPES OF LIGHTS

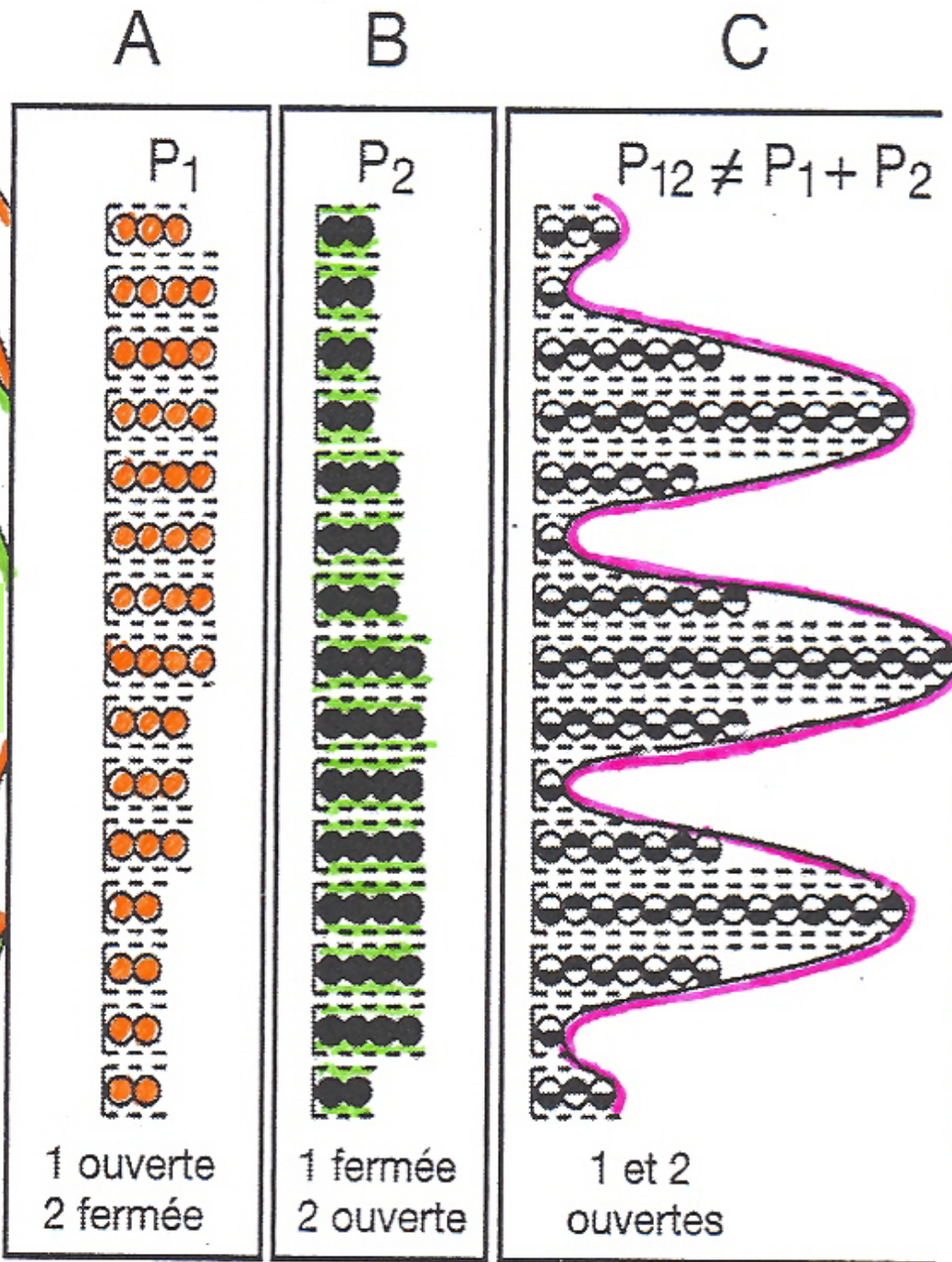
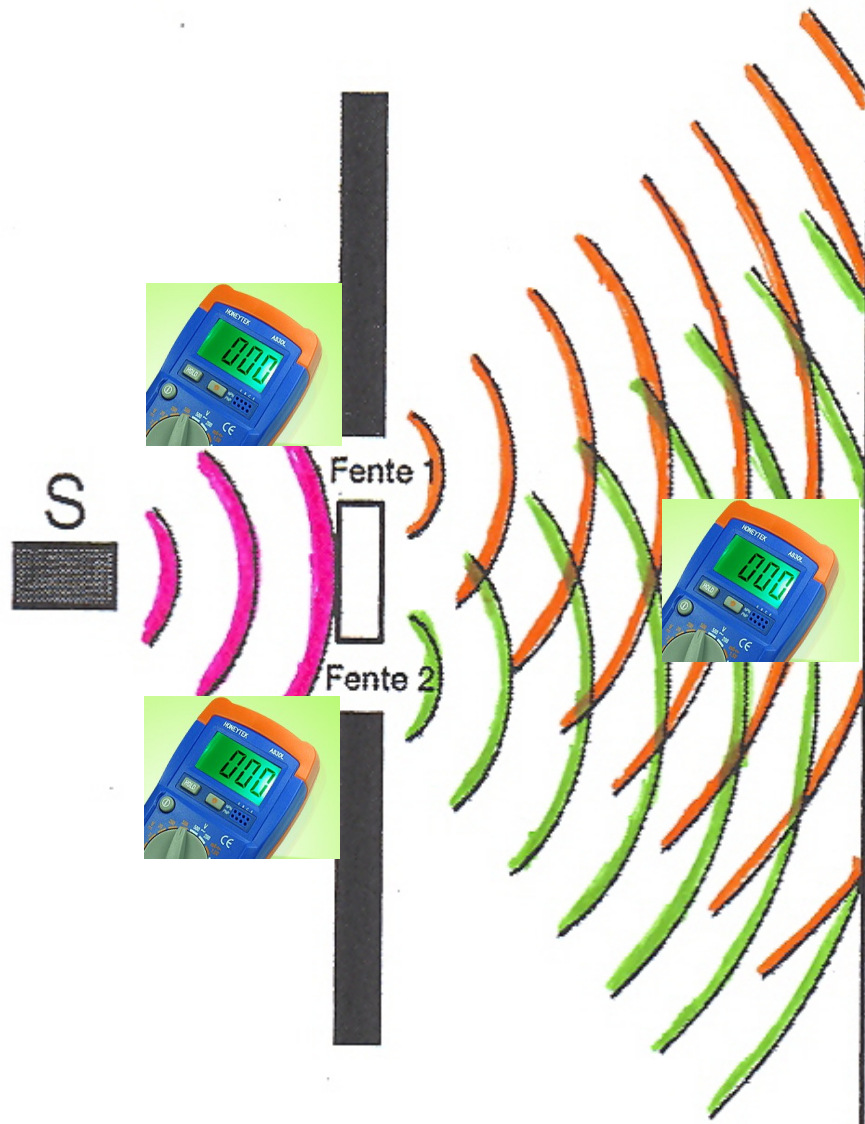


NON-COHERENTE LIGHT



COHERENTE LIGHT

Fentes de YOUNG



MILTA PARTICULARITY

The original combination of several light emissions passing through a magnetic tunnel allows a potentiation of the biological effects of waves and particles (quantum principle demonstrated by CERN in Geneva).

The presence of the magnetic tunnel is crucial

- 1 - Generating a constant magnetic field allows a spectacular action on the cellular energy potential, blood circulation, lymphatic drainage, fixing minerals, etc. ...
- 2- Initially, all the lasers and soft lasers (artificial light) emit spontaneous **left torsion fields**, incompatible with the functions of living organism's .The magnetic tunnel transforms the initial field into a **regular right torsion field** then the photonic emission becomes fully compatible with biological activity as completely identical to natural sunlight.



Biological Principles of MIL therapy

Depth of penetration

Biological Process

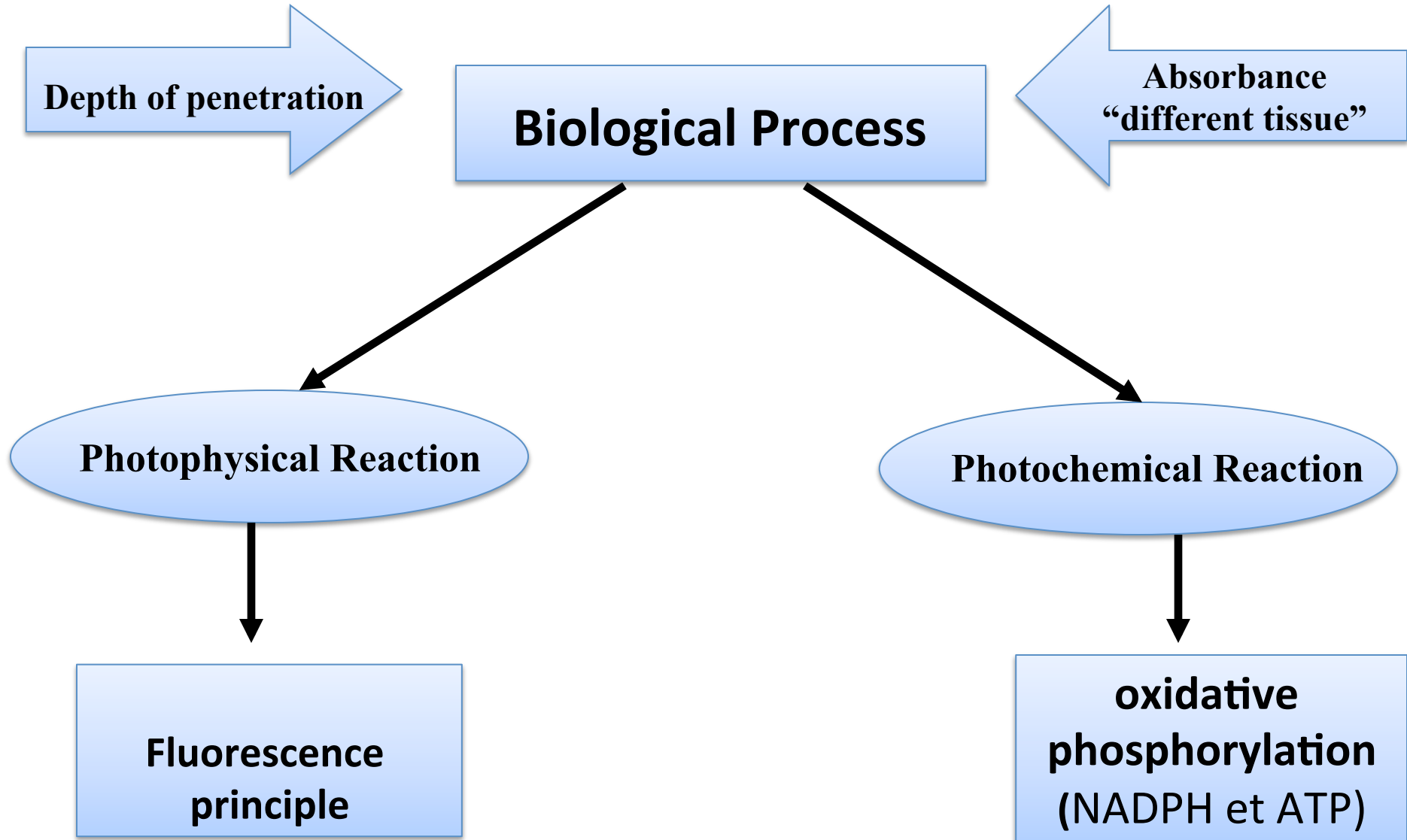
Absorbance
"different tissue"

Photophysical Reaction

Photochemical Reaction

**Fluorescence
principle**

**oxidative
phosphorylation
(NADPH et ATP)**





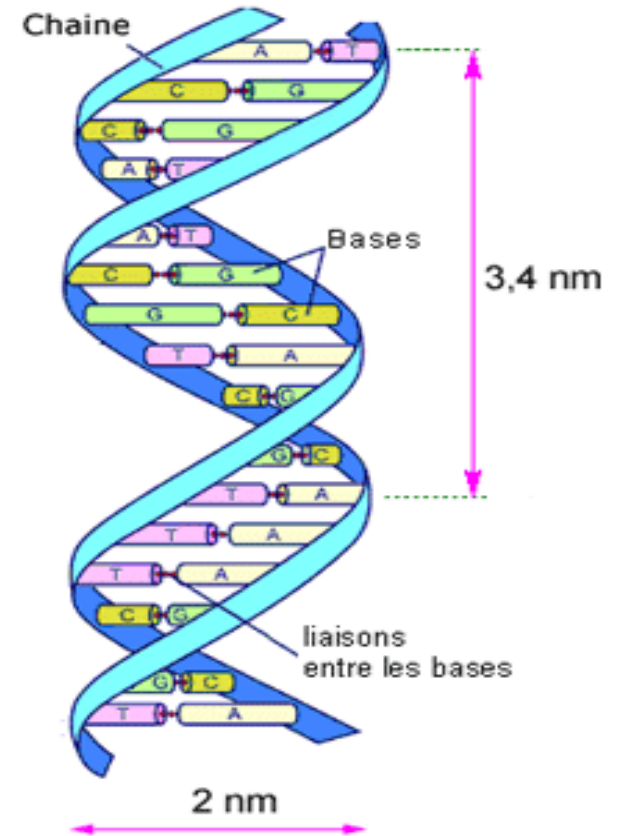
DNA, a Photon Laser

1- Popp and his collaborators have demonstrated that photons accumulate in small cavities of the molecule, the exciplexes.

2- Exciplexes work like lasers.

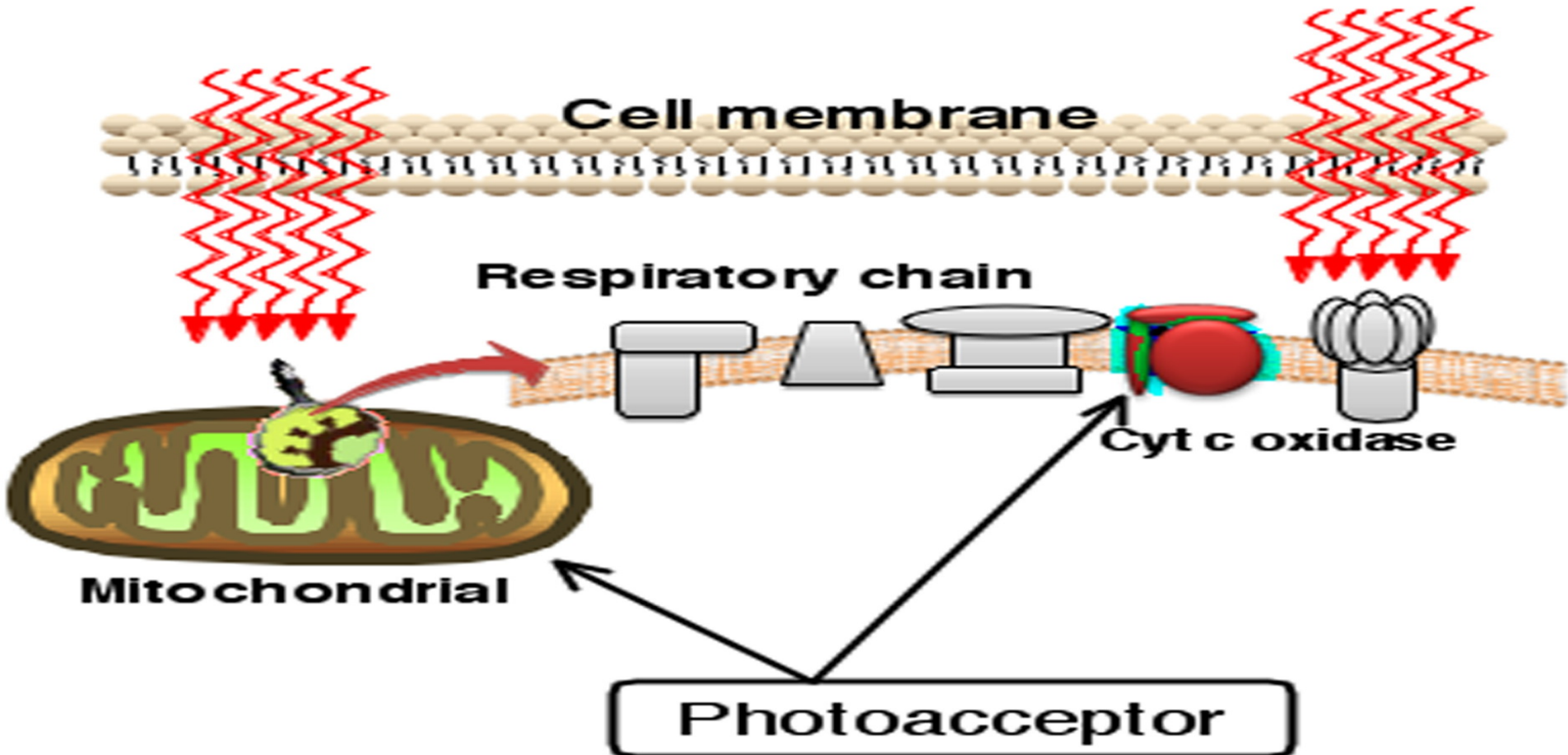
3- the microcavity accumulates this light in a non-coherent way. Then she projects it in a coherent beam.

4- DNA accumulates biophotons, guides them along its helical structure and projects them out.



Cellular reactions to light emission

$h\nu$, 600~900 nm



In 1995- 2008, Russian scientist Pr. Tina Karu “Photobiological fundamentals of low-power lasertherapy.” IEEE J. Quantum Electron. QE-23 (1997) 1703-1717.



Cellular reactions to light emission

- The basic biological mechanism behind these effects is the absorption of Photons by mitochondrial chromophores
- including cytochrome c oxidase (CCO) and perhaps also by photoacceptors in the plasma membrane of cells.
- As a result, a cascade of events occurs in mitochondria, leading to bio-stimulation of various processes such as:

1- Photodissociation of NO (nitric oxide), allowing a liberation of CCO with an improvement of:

- The enzymatic activity,
- The transport of electrons,
- The production of mitochondrial respiration and adenosine triphosphate (ATP).

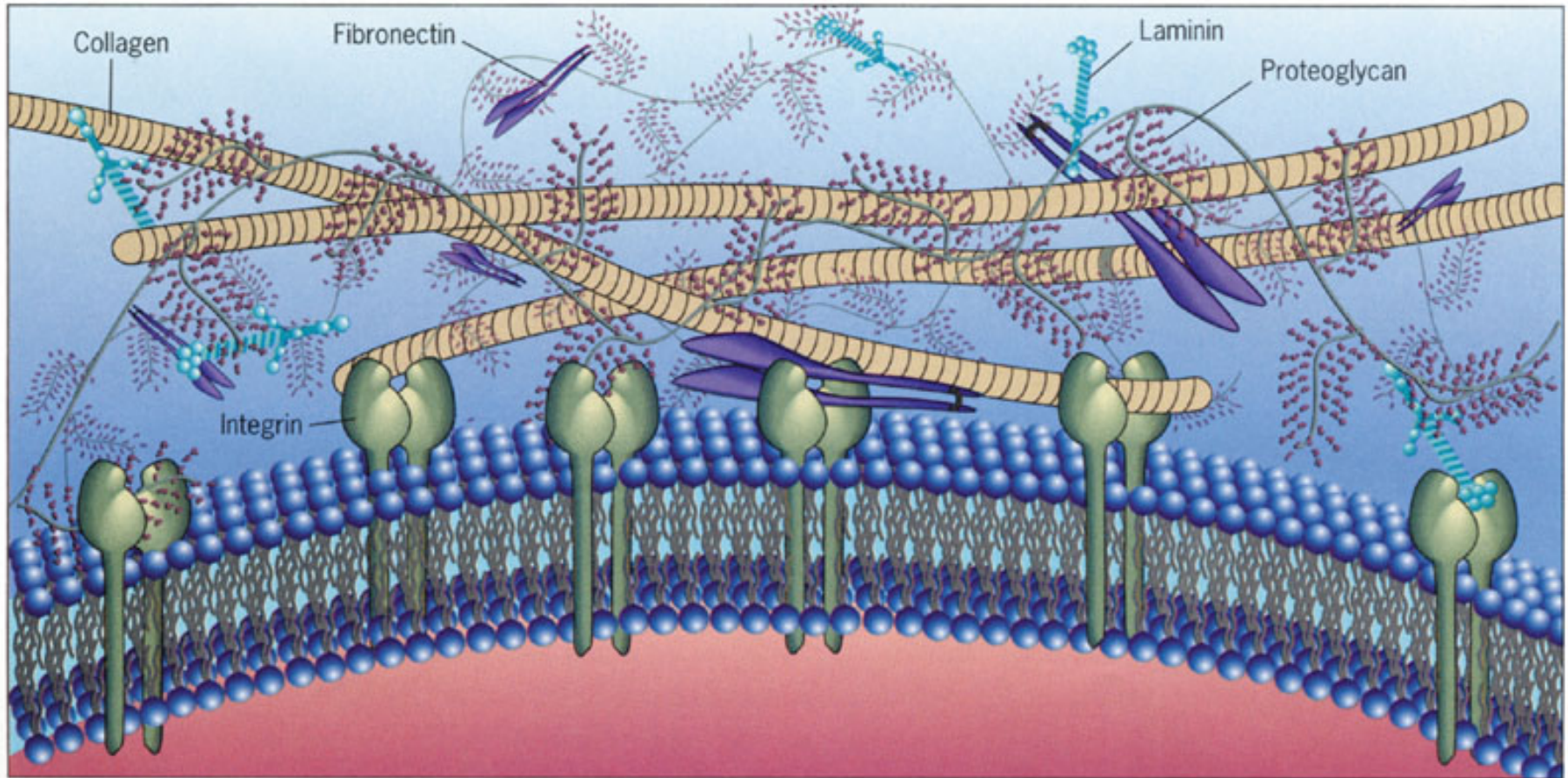
2- A modification of the cellular redox state which induces to:

- activation of many intracellular signaling pathways

modification of the affinity of transcription factors related to cell proliferation,

- Survival, tissue repair and cellular regeneration

Prof. Kuselman: "When the energy potential of our cells is disturbed, they become unable to assimilate nutrients and oxygen, causing the appearance of a pathological state."



If the energy flow of the biological system is disturbed, the biological electrogenesis (biopotential) of the cell membrane is disrupted, causing a disturbance in ion transport and the substance through the membrane, which can cause physiological changes.

Alfred Pishinger

1899-1983



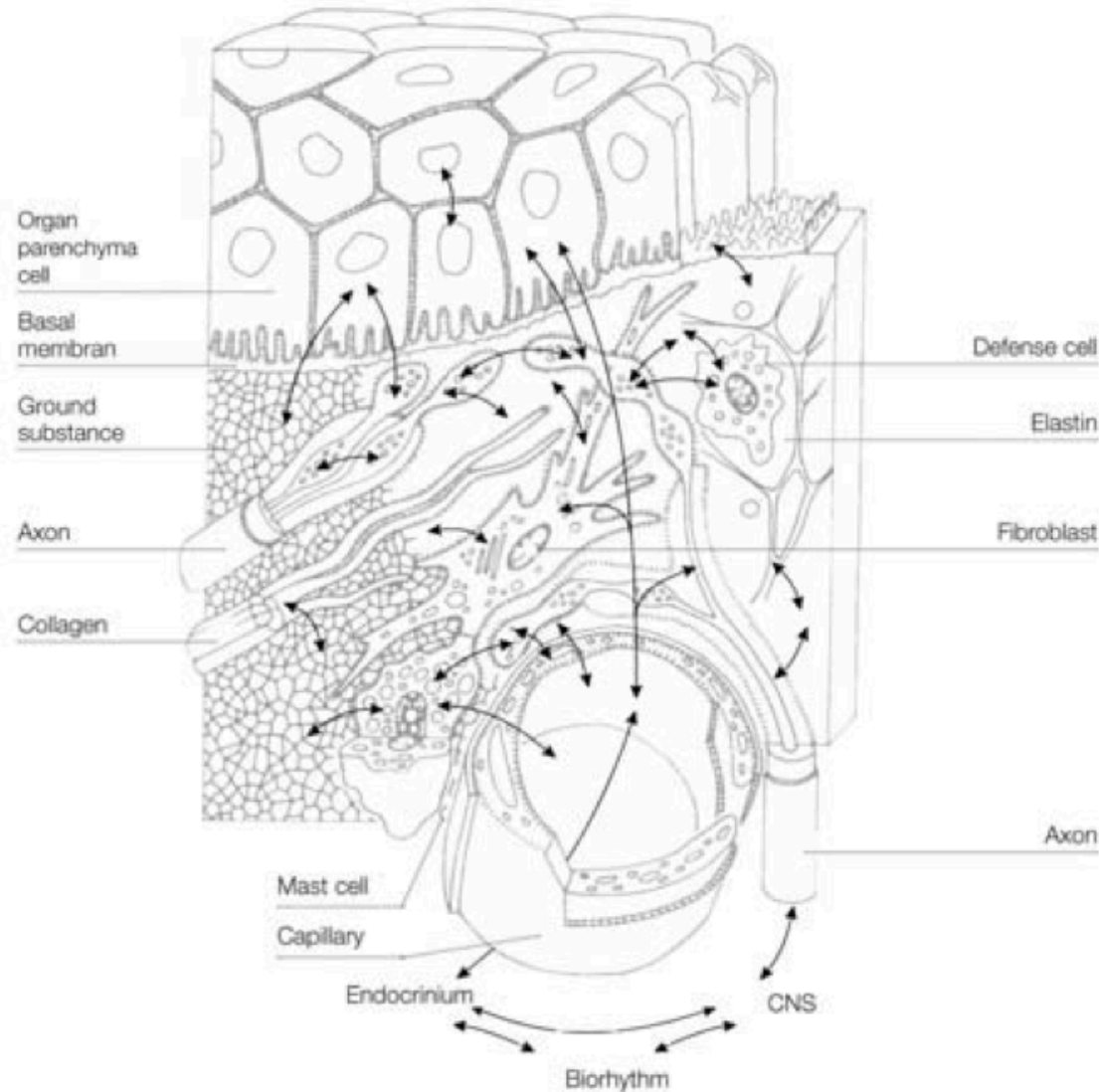
ALFRED PISCHINGER

autore di
"DAS SYSTEM
DER GRUNDREGULATION"

Homeostasis should be defined as the ability of an organism to regulate its own internal environment. Subtle regulations or adjustments to the balance of homeostasis are made through multiple interactions between different regulatory systems



Most of the interactions between the different systems of the body act via the ECM.

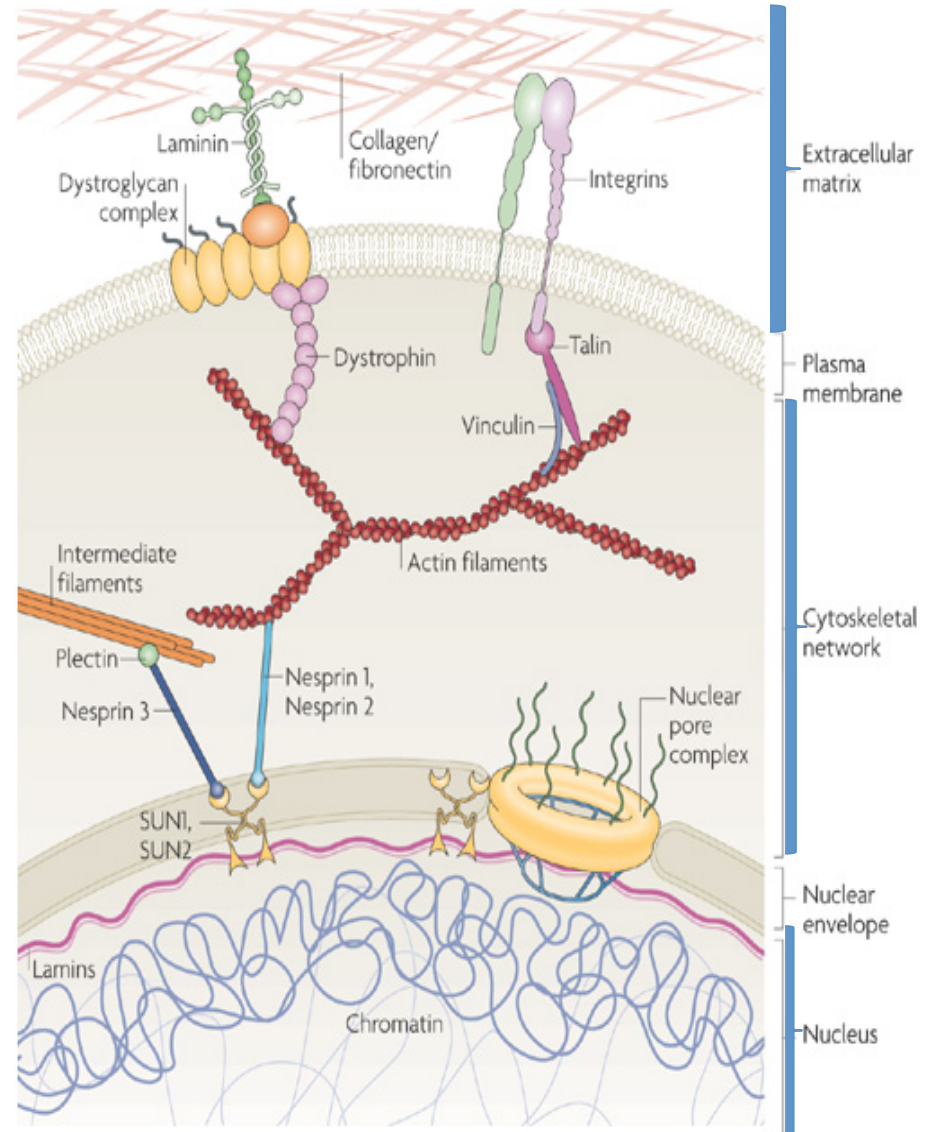


the matrix is a three-dimensional biophysical filter that controls the passage of cellular nutrients and wastes, mediators and all other substances into the cellular environment

The living matrix or ECM

3 matrix levels that merge into one another.

- The extracellular matrix
- The intracellular matrix
- The nuclear matrix



Matrix Basic System

« Few characteristics »

- 20% of body weight
- Basic electrical potential: 240 μ V
- Bio signaling membrane
- Auto-regenerated by fibroblasts
- Scope of the majority of the regulatory processes of the organism

Milta Properties

- Analgesic
- Anti-inflammatory
- Healing – Regenerating
- Detoxifying
- Anti-oedematous
- Anti-infection
- Immunostimulatory
- Potentiates (remedies - other therapies)

Karel Rokitansky

1804 – 1878



The cause of diseases must be sought in the composition of blood that is present throughout the body. Blood rearrangements are the main cause of diseases and organic changes.

He divided pathologies into crases (deficits) and stases (depositions, accumulations).

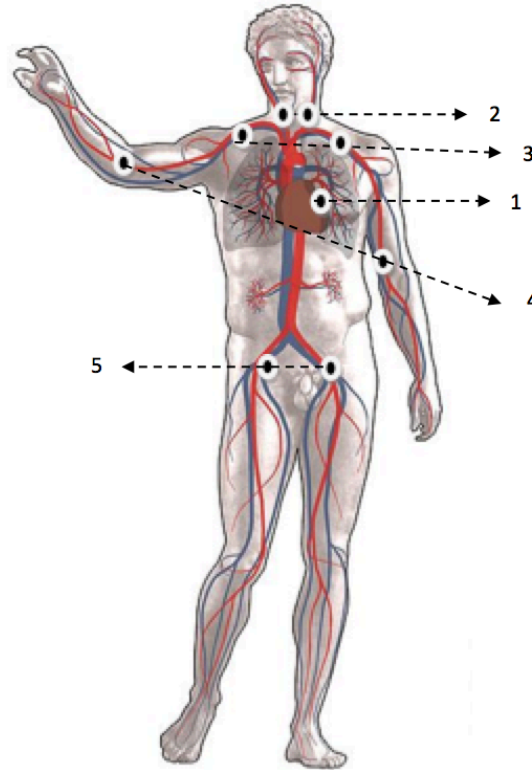
- The diverticulum of Rokitansky
- Rokitansky-Cushing ulcer
- Rokitansky-Maude-Abbott syndrome
- Rokitansky triad (pulmonary stenosis)
- Rokitansky-Aschoff sinuses (gall bladder)

MILTA & NON-INVASIVE EFFECTS MILTA ON THE BLOOD

- Increased oxygen saturation of red blood cells
- Increased release of oxygen in the tissues
- Increase in leukocytes and their phagocytic power
- Increase in antibodies
- Increased monoamine oxidase in blood platelets
- Decreased cholesterol and triglycerides
- Increased antiplatelet aggregation prostaglandins
- Increased energy abilities of the blood
- Decreased circulating toxins (oxalic acid, uric acid, etc.)
- Activation of enzymatic processes
- Stem cell augmentation



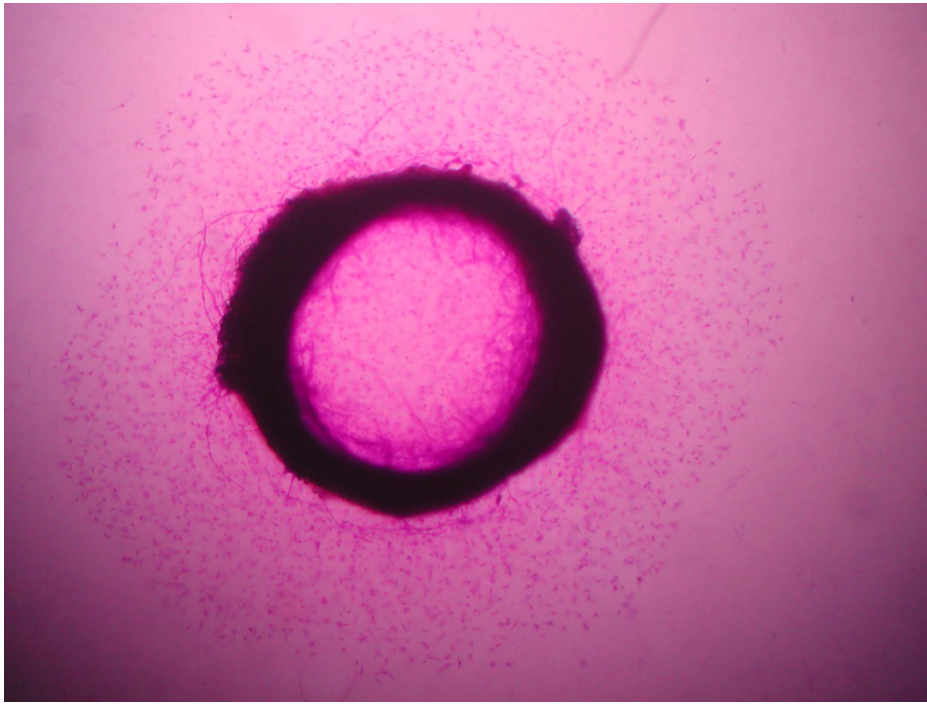
Blood & Lymphatic Protocol



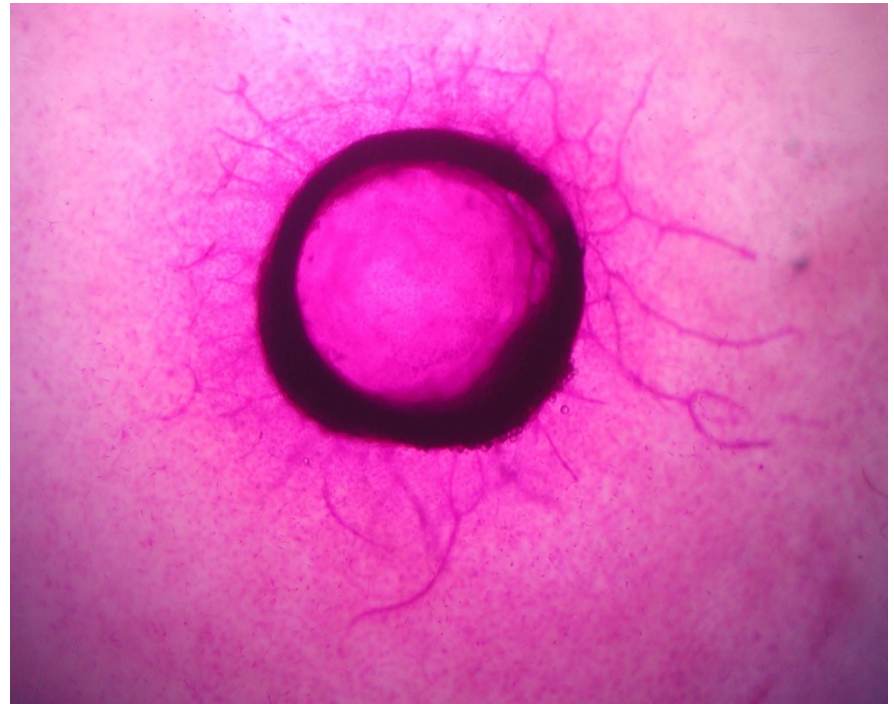
Area N°	Area Treatment	Programs	Time	Accessories
1	Heart, spleen & pancreas area	Hémo détox	5 mn	Panel or Emitter
2	Artère de la carotide	Hémo détox	2 mn	Emitter
3	Sub clavicular	Hépató détox	2 mn	Emitter
4	Bend of the elbow	Hémo détox	2 mn	Emitter
5	femorales	Hémo Détox	5 mn	Emitter

Total Setting Time: 16 mn - 2/3 settings/ week – Total settings : 10

Angiogenèse



Control Group



MIL – Therapy " 2 sessions "

Analgesic

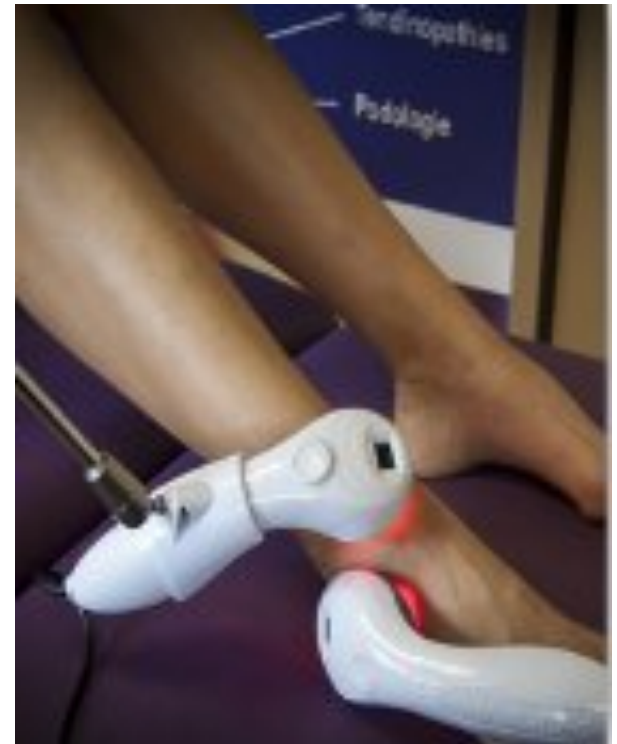
1- Activation of "Gate control" - stimulation of fibers $A\beta$ and B

2- Increase these morphinomimetic substances:

- Endorphins
- Enkephalins
- Dynorphine
- Substance P
- Noga peptides

3- Decrease pain sensitivity

(reduced sensitivity of skin receptors)

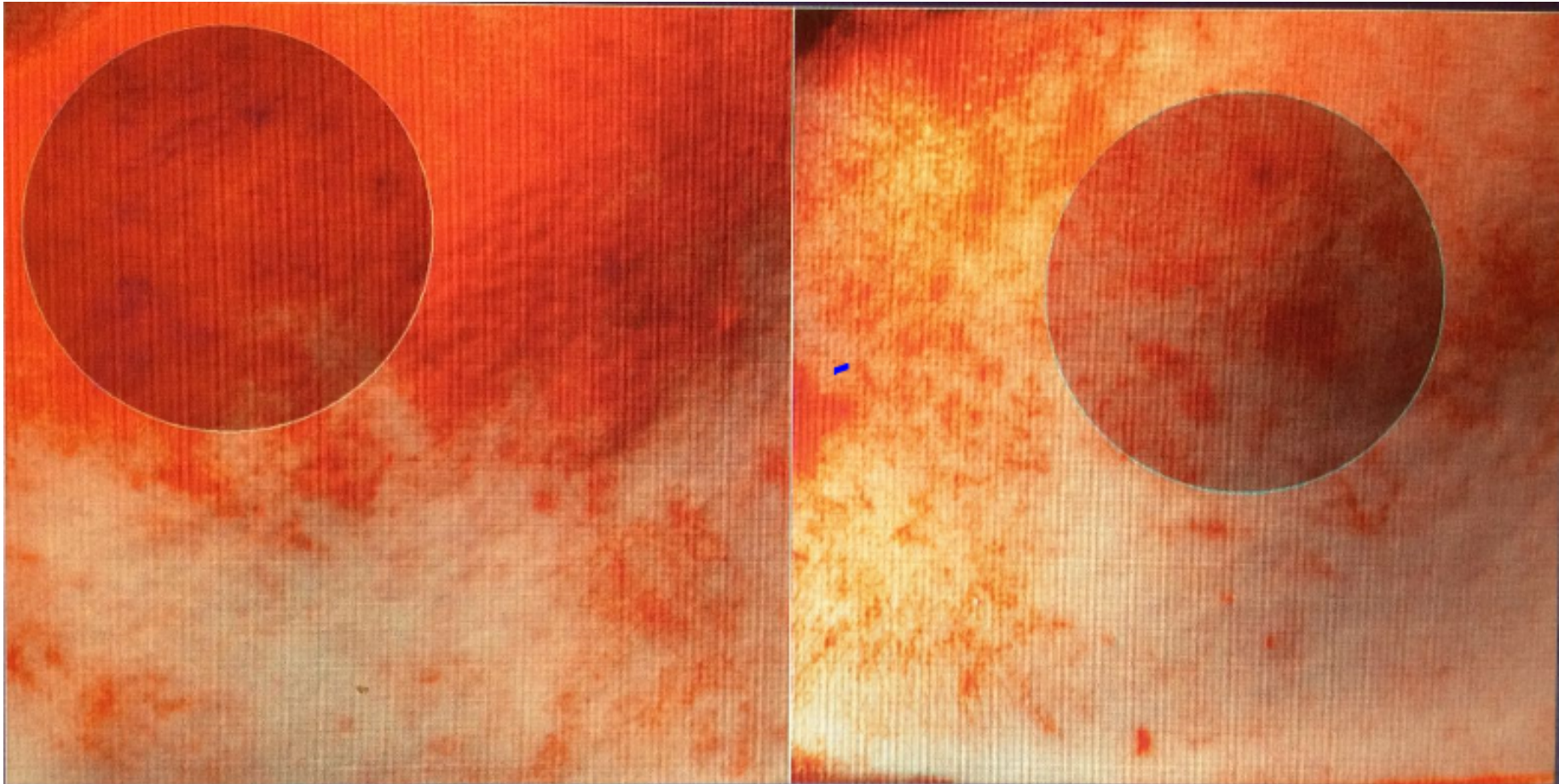


Anti-inflammatory

- 1- Decrease of inflammation proteins:
 - Haptoglobin
 - Alpha 1 glycoprotein?
2. Decrease mediators of inflammation:
 - Pro-inflammatory Prostaglandins (PGE2)
3. Increase mediators of inflammation:
 - Anti-inflammatory prostaglandins (PGE1)
4. Stimulation of the adrenal glands
 - (increase of 17 corticosteroids - T.I Andronova)
5. Action on blood microcirculation
 - (decrease in capillary vasodilatation)



Managing The Inflammation Process



**Rosacea Treatment after
Pulse DYE Laser treatment**

**After 1 Miltaderm treatment
immediadly after PDL treatment**

Hair Loss Case : Meso + Miltahead



Before



Meso + Miltahead – 6 weeks Later

HEALING

- By increasing the synthesis of fibroblasts
- By increasing collagenosis
- Pituitary stimulation (increase in GH)
- By stimulation of the adrenal glands (increased secretion of glucocorticoids)
- By activation of protein synthesis (increased synthesis of RNA and DNA production)
- By increasing tissue neovascularization
- By cutaneous and subcutaneous trophic action
- By activation of deep tissue regeneration
- Hepatic stimulation (mitogenic substances - cytokines-IGF1)
- By increasing stem cells
- By regeneration of the etheric layer



Scarring Process

Ms L. 36 years old, with a complication after a Brest reduction since 6 months

Before



1st day of treatment



2 weeks & 5 sessions

Diabetic Ulcer with Programmed Amputation



Before



After 5 sessions



After 15 sessions



After 2 months without treatment

P. BLANCHEMAISON¹, J. FRUCOT²

1. Vascular medicine. 2. Biotechnology engineer. 113, avenue Victor Hugo. 75116 Paris, France.

Low Level Laser Therapy and LED Therapy in the Management of Venous Leg Ulcers

Abstract

Low-Level Laser therapy (LLLT) and Light Emitted Diode (LED) therapy can shorten the time period needed to achieve complete healing of venous leg ulcers. A review of the literature revealed that differing the wavelengths of light-emitting diode devices have many beneficial effects, including wound healing and venous leg ulcer healing. Research on LED and LLLT mechanisms has yielded multiple pathways by which clinical benefit has been achieved. LED therapy appears to affect cellular metabolism by triggering intracellular photobiochemical reactions. Observed effects include increased ATP, modulation of reactive oxygen species, the induction of transcription factors, alteration of collagen synthesis, stimulation of angiogenesis, and increased blood flow. The authors' clinical experience with a specific light-emitting diode and LLLT device (RGn-MILTA™) was mixed, depending on the condition being treated, and was likely influenced by the device parameters.

Keywords: low-level laser therapy, light emitting diode, photomodulation, wound healing, venous leg ulcers

Miltaderm For Aesthetic

- Scarring, Ulcers, Skin imperfections
- Filling of fine lines
- Telangiectasia
- Acne
- Psoriasis, eczema
- Action on scalp and hair
- Reduction of complications and adverse effects
- Stretch marks: in combination with RF, peeling
- Firming of the skin
- Cellulite: in association with RF, Cryo, Meso ...
- Post lasers
- Post surgery
- Stops hair loss and helps regrowth and potentiates the implant



Keloid scars Protocol

Periphery :

- Liver : Hep.D-5'
- Heart : Cardio5'
- Adrenals :bio Reg. 2'
- Close Art:Hem.D- 5'

Local :

- Microneedling
- prog. - 30 % - 10'
- -----
- 12 to 15 sessions
- 2a3 sessions / week



Dehiscent scars Protocol

Periphery :

- Liver : Hep.D-5'
- Heart : Cardio5'
- Nipple: Healing 2'
- Adrenals :bio Reg. 2'
- Close Art:Hem.D- 5'

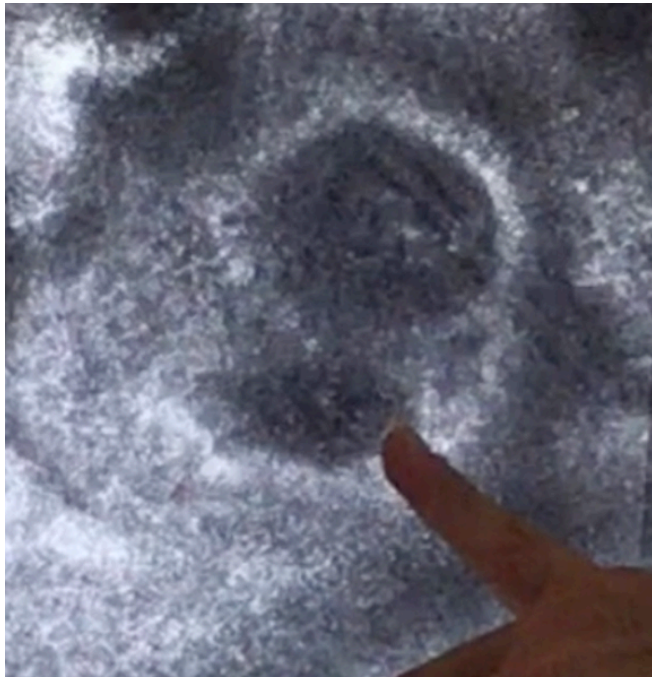
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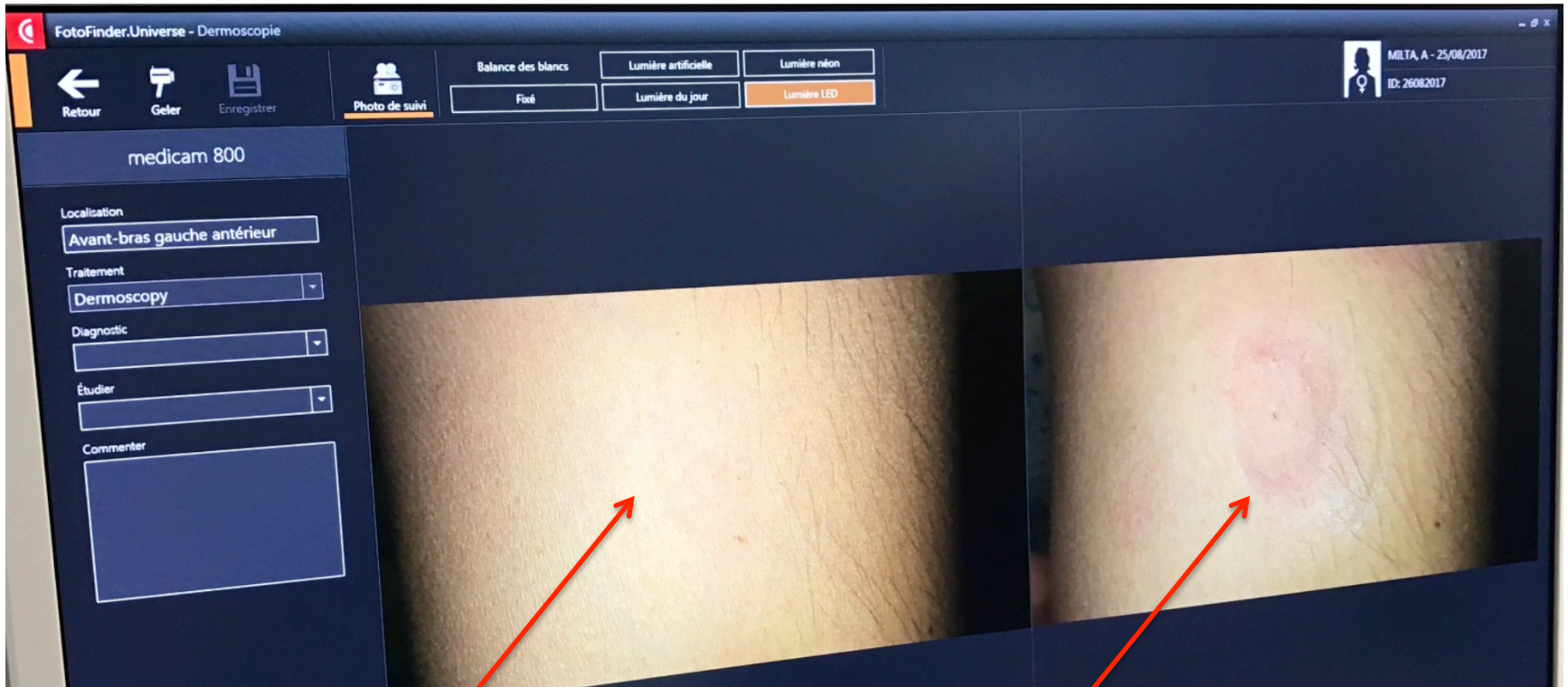
Case of CO2 Laser Treatment

Dr Georges BES



Case of CO2 Laser Treatment

Dr Georges BES



Avec Pre traitement

Sans Pre traitement

Tissue Preparation



Complications:

- ❖ Patient
- ❖ Product
- ❖ Procedure

Avoid complications

- ❖ Infections
- ❖ Rejection of the product
- ❖ Avoid granulomas
- ❖ Regulate Inflammation
- ❖ Vascular problem

Regulate Inflammation



- ❖ Hyper sensibility « E / R
- ❖ Infections

Vasculare



- ❖ Hematoma
- ❖ Emboli

Bone Consolidation

1- HEPATIC STIMULATION

Action of Hydroxylation in vitamins D3 in the lever

2- KIDNEYS STIMULATION

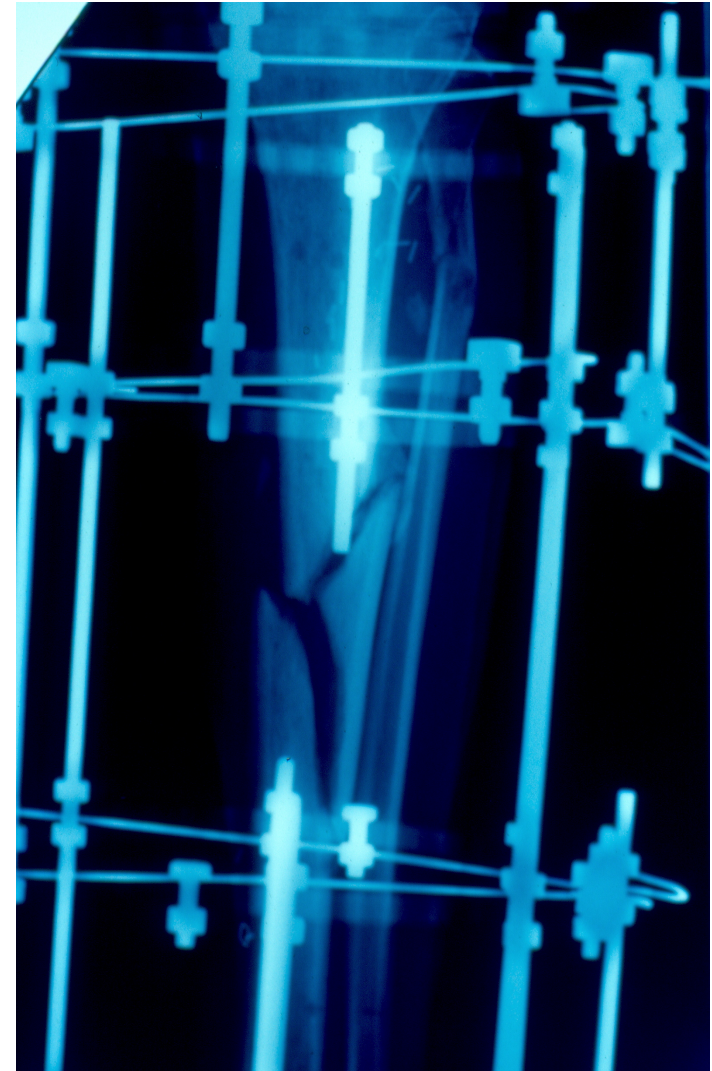
Action of Hydroxylation in vitamins D3 in the meridiem MTC

3- PITUITARY GLAND STIMULATION

Increasing the secretion of Somatropin Hormone (GH)



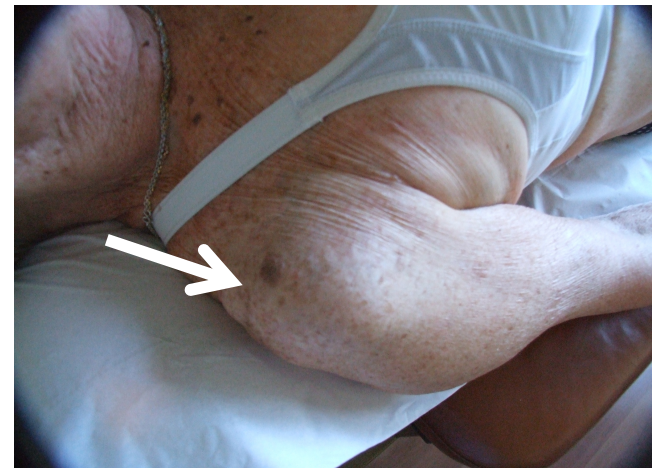
Stimulation of Osteoclast witch is critical in the repair of bones



Shoulder Bursitis with destruction of the articulation

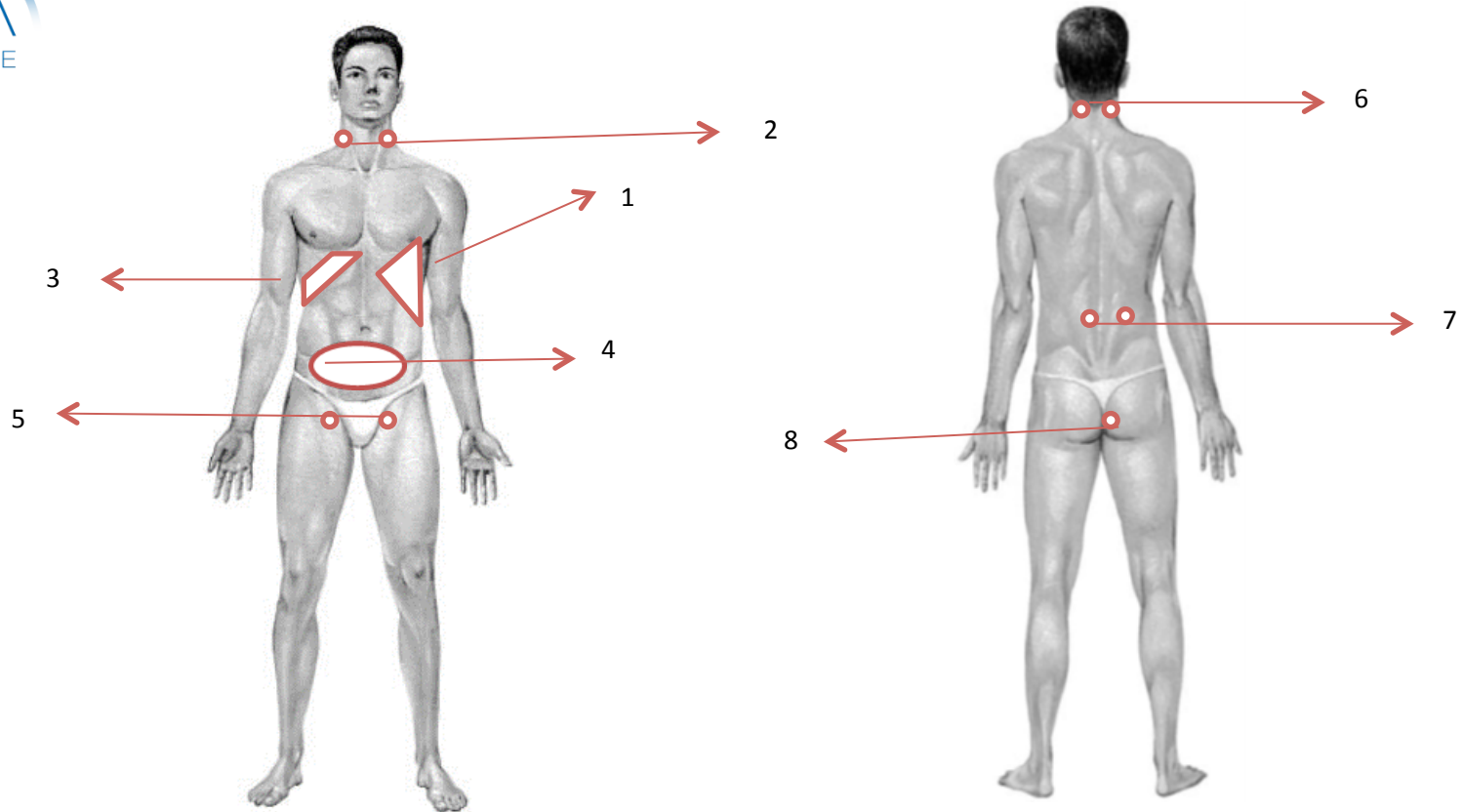


Before



After 8 sessions

Rehabilitation Protocol



Area N°	Treatment area	Programs	Time	Accessories
1	Heart, spleen & pancreas area.	Cardiovascul. ou Analgesic	5 mn	panel
2	Carotid Arteries	Hemo Detox	2 mn	Emitter
3	Liver	Hépatodétox	5 mn	Panel
4	Intestine	HPI or AI	5 mn	Panel
5	Femorales	Hemo Detox	2 mn	Emitter
6	Sub Occipital	Healing	1 mn	Emitter
7 / 8	Kidney - adrenals // between Coccyx & Anus	Bio régénérant	2+2 mn	Panel / Emitter

Total Setting Time: 24 mn - 2/3 settings/ week – Total settings : 10

URP

Experience has shown that this procedure applied as the main treatment increases the Milta therapeutic effect by 1.5 to 2 times. It leads to the harmonization of the organism. There is a very significant improvement in immune biostimulation and modulation.

This protocol can be used:

- _ As a measure for prevention
- _ As treatment for specific diseases already developed
- _ For various post stress conditions.
- _ As an independent medical procedure
- _ In combination with other programs designed to treat disease (bronchitis, gastritis, arthritis, prostatitis etc.).

The right device to excel in its specialty

MiltaPlus

Detoxification
Pain Management
Regulation of Infla.
Chronic disease
Bone Consolidation
Healing Process



MiltaDent

Abscess
ATM disorders
Gingivitis
Implant preparation
Root canal Infection
Pre & post Surgery



MiltaGyneco

Vulvovaginal rejuvenation
Neovascularization
Reduces inflammation:
Vulvitis, vaginitis, vaginosis
Activates healing process
Episiotomy
Post Surgery
Pain Management

MiltaDerm

Skin rejuvenation
Tissue repair
Neovascularization
Regulation of Infla.
Edema
Infection
PLHP



MiltaHead

Well being
Stress & anxiety
Hair regrowth
neurological disorders
Traumatic brain injury
degenerative brain dis.
Stroke

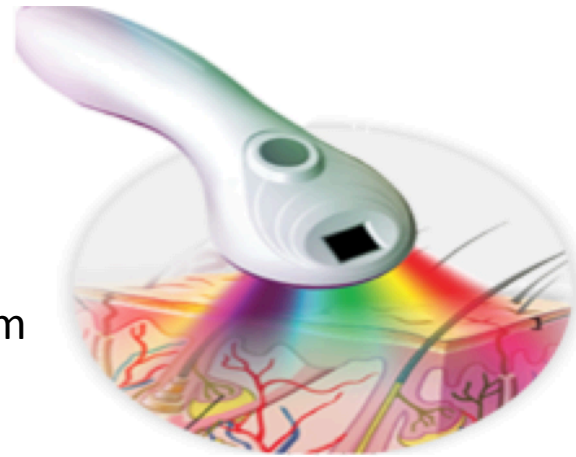
Technical characteristics

Power or emission density in W / cm²

- ❖ NPCL (Nano-Pulsed Cold Laser) + IR LED = 37mW / cm²
- ❖ Red = 8.2 mW / cm²
- ❖ Green = 1.2 mW / cm²
- ❖ Blue = 1.9 mW / cm²

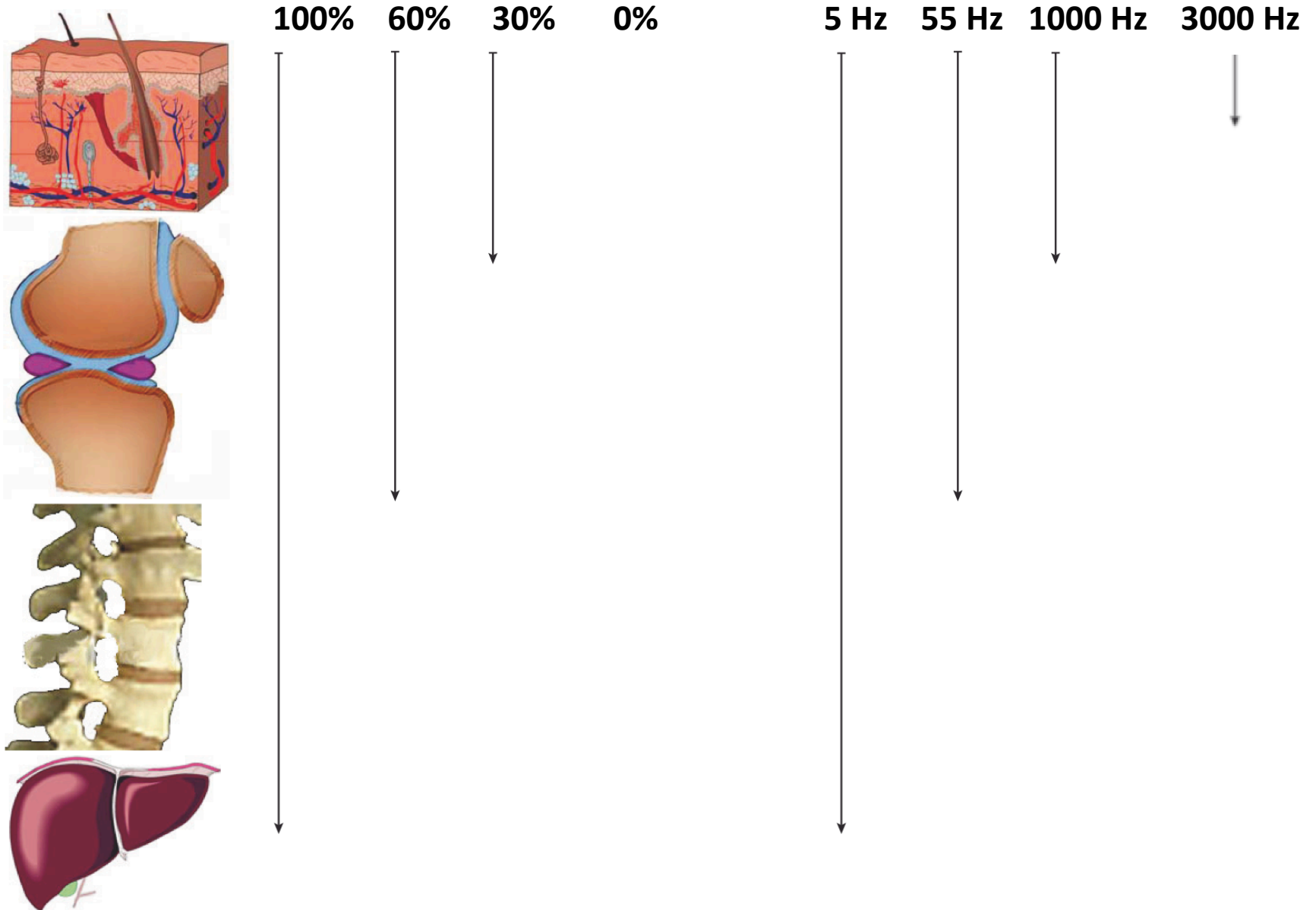
Wave lengths:

- ❖ NPCL (Nano-Pulsed Cold Laser) = 905 nm
- ❖ IR LED = 850 nm
- ❖ Red LED = 625 nm
- ❖ Green LEDs = 528 nm
- ❖ Blue LED = 470 nm





PENETRATION DEPTH OF POWER (%) & FREQUENCY (Hz)



TREATMENT TIME / NUMBER OF SETTINGS

1. Maximum daily exposure time

- 30 to 40 minutes for daily treatment
- 20 minutes for bi-daily treatment
- 15 minutes for tri-daily treatment

PS: during daily treatments settings must be separated by a minimum time of 6 hours.

2. Number of settings / distribution

- Acute cases (infections, trauma, etc.): 1 to 3 times a day
- Chronic cases: 1 to 3 times a week
- (the Benefits of a setting can be seen during the first a week or longer depending on the patient's responsiveness)

3. Treatment in therapeutic settings (cures)

- Series of several settings renewable after a therapeutic window (according to the pathologies presented by the patient)
- Number of settings recommended for chronic diseases: 36 to 48 per year (based on Russian work)

Precautions for Use

Contraindication

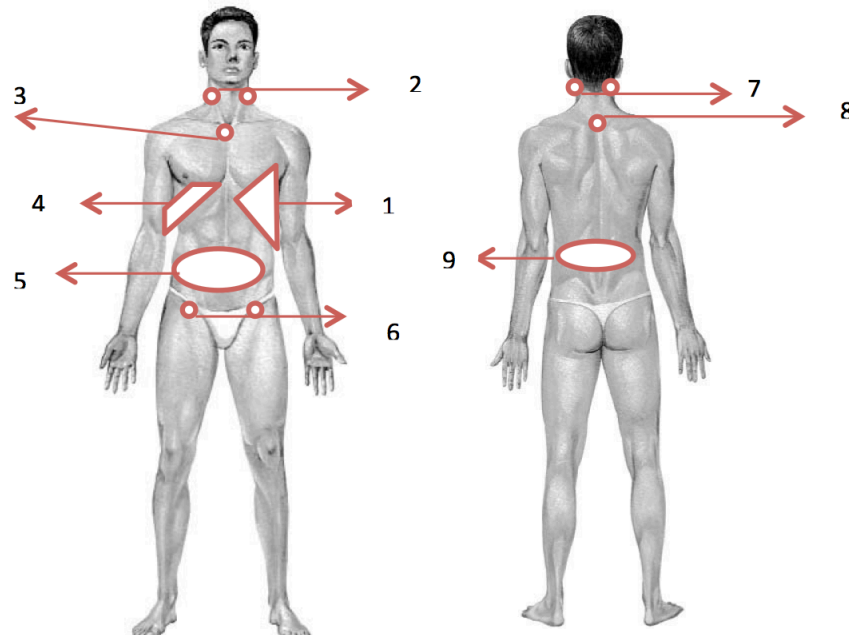
- ❖ Pacemakers
- ❖ Metallic heart valves (cardiac applications)
- ❖ Upper heart region emission other than 5 hz
- ❖ Direct emissions on the eyeballs
- ❖ Pregnant women: abdominal + lumbosacral areas



Precautions for use

- ❖ Children: decrease the power & time (depending on age, morphology, etc...)
- ❖ Spasmophile or very sensitive patients: start with "child" protocols and then gradually increase the parameters.
- ❖ Skin infections: disinfect the transmitter head before and after use.
- ❖ Put the transmitters at a distance from the infected zone.

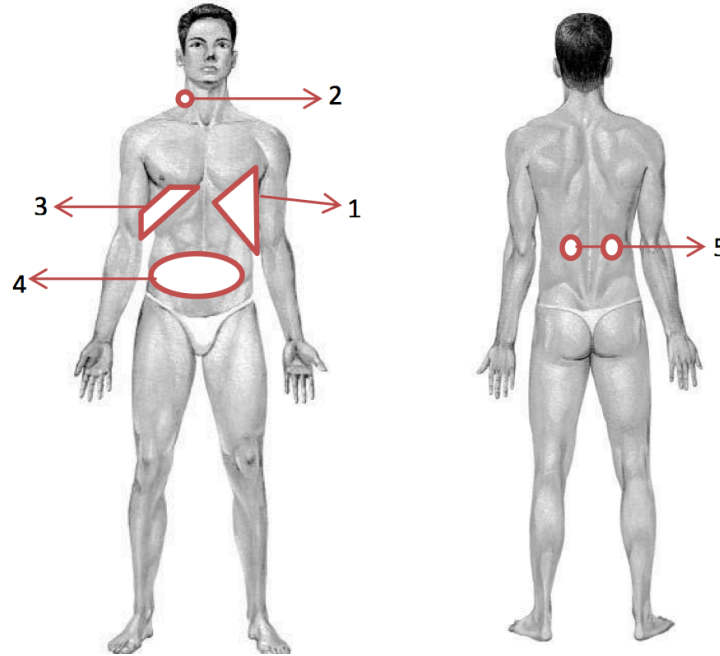
Protocole de l'Immunité



N° Zone	Zone de Traitement	Programme	Temps	Accessoires
1	Zone cœur /rate/pancr.	Cardiovasculaire.	5 mn	panneau
2	Artère de la Thyroïde	Hémo Détox	2 mn	douche
3	Thymus	Cicatrisant	2 mn	douche
4	foie	Hépto détox	5 mn	Panneau
5	intestins	HPI	5 mn	panneau
6	Fémorales	Hémo Détox	2 mn	douche
7	Sous occipitaux	Hémo Détox	2 mn	douche
8	L'os nucal	Cicatrisant	2 mn	douche
9	Reins / surrénales	Bio régénérant	2 mn	panneau

- Durée totale de la séance : 27 mn
- 2 à 3 séances par semaine en alternance avec celui du sang
- Durée du traitement : 12 à 14 séances

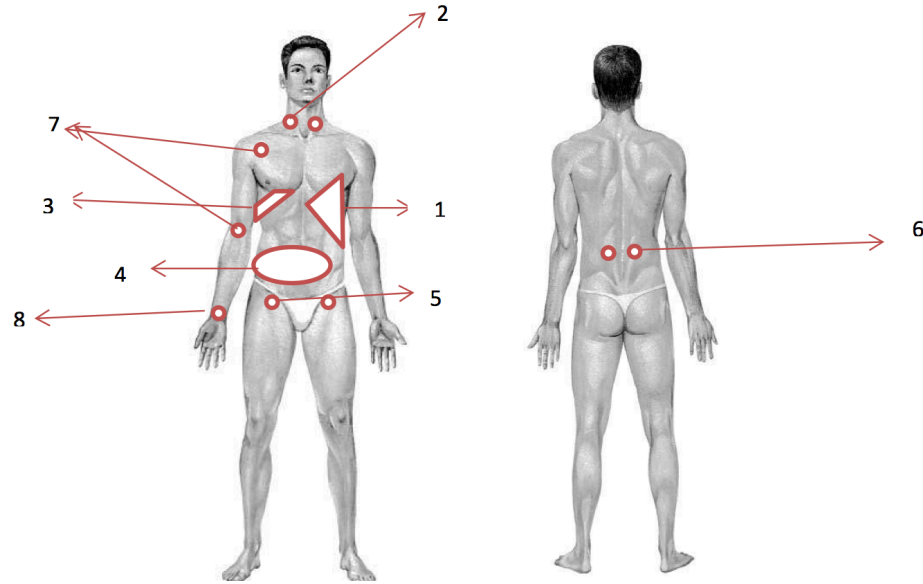
Maladie de Crohn



N° Zone	Zone de Traitement	Programme	Temps	Accessoires
1	Zone cœur /rate/pancr.	Cardiovascul. ou antalgique	5 mn	Panneau
2	Artères de la carotide	Antalgique ou Hémo détox	5 mn	Douche
3	Zone Foie/vésicule	Hépatodétox	5 mn	Panneau
4	Intestins	Anti inflammatoire chro. Ou HPI	10 mn	Panneau
5	Reins, surrénales	Bio régénérant	5 mn	Panneau

- Durée totale de la séance : 30 mn
- 2 séances par semaine
- Durée du traitement : 10 à 12 séances, à renouveler 2 fois / an

Canal Carpien

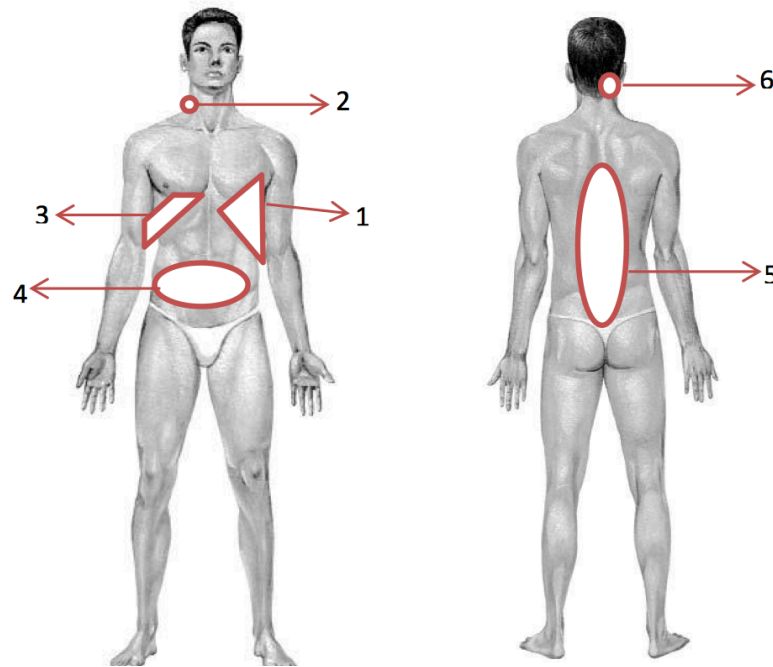


N° Zone	Zone de Traitement	Programme	Temps	Accessoires
1	Zone cœur /rate/pancr.	Cardiovascul. ou antalgique	5 mn	panneau
2	Artères de la carotide	Hémo détox	2	
3	Zone Foie/vésicule	Hémo détox	5 mn	douche
4	Intestins	Anti inf. chronique ou HPI	5 mn	Panneau
5	Fémorales	Hémo détox	2 mn	panneau
6	Reins, surrénales	Bio régénérant	2 mn	Panneau
7	Zone Innervation fémoral	Antalgique	5 mn	Douche
8	Poignet et pomme de la main	Anti inf. + Cicatris. + Antal	10 mn	Douche

Note :

- Durée totale de la séance : 36 mn
- 2 a 3 séances par semaine
- Durée du traitement : 8/ 10 séances .

HYPERGLECYMIE / DIABETE



N° Zone	Zone de Traitement	Programme	Temps	Accessoires
1	Zone cœur /rate/pancr.	Cardiovascul. ou antalgique	5 mn	Panneau
2	Artères de la carotide	Antalgique ou Hémo détox	5 mn	Douche
3	Zone Foie/vésicule	Hépatodétox	5 mn	Panneau
4	Intestins	Anti inflammatoire chro. Ou HPI	5 mn	Panneau
5	Reins, surrénales, Paravertebrales	Antalgique ou parasymphaticotoniq.	5 mn	Panneau
6	Sous occipitale droite	Antalgique ou parasymphaticotoniq	5 mn	Douche

- Durée totale de la séance : 30 mn
- 2 séances par semaine
- Durée du traitement : 10 à 12 séances, à renouveler 4 fois / an

Remember

what seems "REVOLUTIONARY" Is that the medical community finally accept the concept of "PHOTOMODULATION" as SCIENCE and the notion of "soft and progressive repair" can be understood as a "truly effective action", in different disease areas.

"The Vibrational Medicine will change everything "

Prof. Luc Montagnier - Nobel Price 2008