

# Apimedica and Apiquality Forum

Rome, November 22-24, 2016

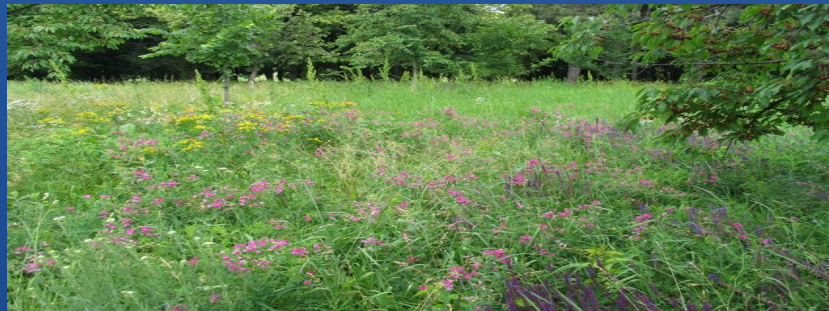
## Apitherapy in the daily practice

### Clinical applications

Dr. Cristina Aoşan, Romania

[www.melidava.ro](http://www.melidava.ro)

**APITHERAPY IS EFFICIENT  
IN VARIED CONDITIONS**



# Api – Phyto – Therapy in benign right broncho-pulmonary tumor with extension in the left lung

Patient: woman, 73 years old

## Symptoms

- dyspnoea laying in bed
- thoracic **pains**, sometimes abdominal too
- **cough** with inconstant mucous expectoration
  - strong **asthenia**
  - drowsiness



## Investigations

- thorax radiography
- bronchoscopy with biopsy
- abdominal echography
- blood analysis

**April 2004**



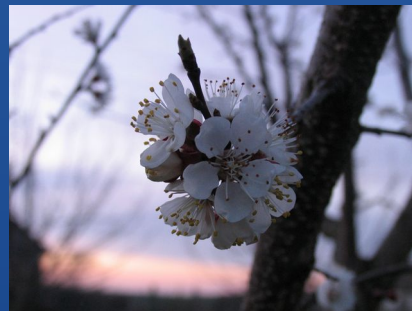
# Histopathology examination

June 29, 2004

Fragment of respiratory mucosa, with regional **scuamous metaplasia** and **papilomatose** thickening

## TREATMENT

- in conventional medicine: no treatment
- api – phyto-therapy uses remedies with **anti-tumor, immune-regulator effects**



## Investigations

- thorax radiography
- abdominal echography
- bronchoscopy with biopsy
- blood analysis

**April 2004**



# Api-phyto-therapy

started in July 2004

- **propolis tincture**  
30%
- **royal jelly**
- **pollen**
- **honey**

Other natural products:

- clay
- underbrush oil

- teas of *Salix alba*, *Arctium lappa*, *Plantago off.*, *Thymus serpyllum*, *Urtica dioica*, *Callendula off.*, *Achillea millefolium*, *Viola tricolor*, *Aristolochia Clematitis*, in alternative administration
- **tinctures** of *Chelidonium majus*, *Echinacaea angustifolia*, *Symphytum off.*



# Treatment started in July 2004

## EFFECTS

- In the first six weeks: symptoms diminished
- In the next six weeks: symptoms disappeared and

April 2004



October 2004



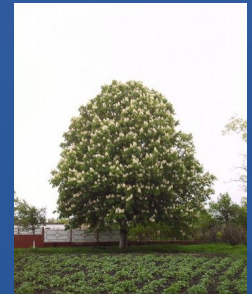
Thoracic radiograph in June 2005  
NO ACTIVE IMAGE IN THE LUNGS

# Remainder ischemic vascular cerebral accident

Bilateral carotidian disease. Bivascular coronary disease. Percutaneous transluminal coronary angioplasty, with stents implants in the right coronary artery. Essential high blood pressure III rank, C risk group

## T.T. (man, 49 years old)

- Occupation: **university teacher of descriptive geometry and mechanical drawing**
- History: great **smoker (30-40 cigarettes / day)**, **alcohol consumer**; great consumer of **meat and margarine**
- Debut of cerebral stroke: August 2004
- First consultation 8 months after the debut



# THE FIRST CONSULTATION

April 2005 - 8 months after the debut

- **paresis of the superior and inferior left limbs** (dressing very difficult, can't knot the shoelaces, can carry in the left hand only 1-2 Kg);
- **visual field - great decrease**: sees only in the central part;
- **intellectual capacity decreased**: can read only 100 pages per day (before 500 – 600 pages/afternoon);
- **Movement coordination affected**: alteration of writing and drawing;
- **working capacity low**: only 2-4 hours/week (before was teaching classes 8-10 hours daily);

**HARD CONDITION UNDER FAMILY AND SOCIAL ASPECTS !**

# THE FIRST CONSULTATION

April 2005 - 8 months after the debut

## Pulses


- Impalpable the most: both carotids arteries, left superior limb arteries, and bilateral inferior limb arteries (*dorsalis pedis*, popliteal and femoral arteries)
- palpable with difficulty: the right superior forearm and the posterior tibial artery bilateral
- 11 medicinal drugs  
3 antihypertensive, diuretic, anti-cholesterol, anti-agglutinative of the thrombocytes, aspirin, blood vessels dilators, sedative, anxiolytic, psycho-stimulative

# What prime needs has this patient ?

- to clean the blood vessels
  - vinegar of honey ad apples
  - bee venom
- to regenerate
  - royal jelly
- to regulate the structures and functions
  - royal jelly
  - pollen



# NATURAL THERAPY

1. fresh frozen pollen 6 teaspoons per day (approx. 30 g)
  2. royal jelly 200 to 400 mg /day
  3. propolis tincture 30%, 2 x 1-2 ml/day
  4. honey
  5. vinegar of apples and honey
  6. bee venom
- 
7. teas of *Urtica dioica* and *Melilotus off.*, *Petasites off.* (leaves) and *Mentha pulegium*;
  8. tincture of *Crataegus monogyna*
  9. Diet
  10. Psychotherapy
- cream (Apireven): massage on the back side of the body, first 6 months
  - injectable apitoxin: after first 6 months

**We reduced progressively the medicinal drugs.  
After six months all were eliminated.**

## After 6 weeks

- All physical and intellectual capacities improved

### Pulses

- palpable:
  - **carotid artery ( right)**, superior limbs bilateral (weak on left)
  - posterior tibial artery bilateral and **left popliteal artery**
- imperceptible: the others of both inferior limbs and left carotid

## After other 5 months

- All physical and intellectual capacities more improved

### Pulses

- palpable: carotids bilateral (weak left); superior limbs bilateral weak; posterior tibial artery bilateral
- perceptible: *dorsalis pedis* bilateral and popliteal left
- imperceptible: popliteal right and femoral bilateral

Now starting the injectable therapy with apitoxin in parallel with oral therapy, diet, psychotherapy.

## Injectable apitoxin (*BVT*)

- apitoxin (*bee venom*) solution 0,2%,
- the dose: 0,02 ml for one point, later 0,04 ml/point
- one session per week;
- increasing progressively the number of points until maximum 12 / session

## After 2 months with apitoxin (BV)

- All functions much improved
- intellectual and working capacity - normal

### Pulses

- palpable: carotids bilateral (right better); superior limbs weak; posterior tibial arteries
- weak perceptible: ***dorsalis pedis***, **popliteal** and **femoral bilateral**



Cristina Aogán

# THE CONDITION AFTER TOTALLY ONE YEAR OF TREATMENT

- moving normally, muscular force good (can carry ~ 10 Kg in left hand)
- reading – normally; writing and drawing – better;
- field of vision normal
- no medicinal drugs needed

## PULSES

- Palpable: - carotids bilateral
  - the others of superior and inferior limbs
- Impalpable: right popliteal artery



AFTER OTHER FIVE MONTHS  
INTERRUPTED THE TREATMENT,  
BECAUSE HE FELT VERY WELL

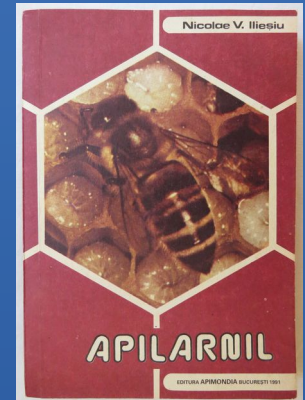
# **Apilarnil** **(trituated drone larvae)**

**practical experience treating patients**



# What is APILARNIL ?

- Invented by **Nicolae Iliesiu**, first manager of Apicola (1957), co-founder of Romanian Beekeepers Association
- Launched the product on market on 1980
- By years of **researches in laboratories and clinics**, 25 patents followed
- One book APILARNIL edited by Apimondia (in 1991)



Drone larvae – day 1-5



Drone larvae – day 7



Pumping extractor



Manual extraction



**APILARNIL**

# Composition

## Biologically

- 97% the body of the drone larvae
- 3% common larvae food (royal jelly, pollen, bee read, honey)
- Over 10.000.000 sperms/larva

## Chemically

- Water 67%
- Proteins 16.8%, incl. 1.28% free amino acids (all essential)
- Blucides 3.2%
- Lipids 6%
- Ash 1.8%
- Unidentified substances 5.8%
- PH – 6.2



# Composition

## Hormones

- Human testosterone was'n detected
- Prolactine, estradiol - not detected
- One substance testosterone-like was found in concentration of 0,00004 mg / 1g of apilarnil

(when feeding the bees with mixtures containing triturated drone larvae – the production of royal jelly was increased)



# Composition

## Minerals

- Calcium - 14 mg%
- Magnesium - 2 mg%
- Phosphorus - 199 mg%
- Iron – 3.23 mg %
- Manganese – 4.49 mg%
- Copper – 1.10 mg%
- Zinc – 5.54 mg%
- Sodium - 38 mg%
- Potassium – 0.50 mg%

## Vitamins

- A Vitamin – 0.54 UI/g
- Beta-carotene – 0.564 mg %
- Xanthophylls – 0.297 mg %
- B1 Vitamin – 0.739 mg%
- B2 Vitamin - 739 gamma %
- B6 Vitamin - traces
- PP Vitamin – 15.8 mg%
- Choline – 442.8 mg%



# Properties / actions



- **Regenerating, energizing, vitalizing, general tonic** (physic and psychic)
- **Regulates immunity** (increases the resistance to infection)
- **Regulates metabolism** (stimulates the protein metabolism, increases the efficiency of glucose, including the insulin-dependent diabetics)
- Biostimulating influence on **pituitary-adrenal axis**
- **Anti-viral, anti-microbial**
- Adjusts the hormonal function of the gonads
- **Increase of the spermatozoon's number and improve their mobility**
- Possibly influencing sex determination - some vertebrates that consumed apilarnil delivered mainly males

# Properties / actions



- Improves propagation speed of the nerves
- **Stimulates the neuro-psychomotric recovery**
- Increases the concentration capacity and endurance, memory
- Influences the quantity of increased prolactin in tiredness or stress complex
- Stimulates the development of children and pubescent
- Improves lactation
- Decreases the duration and intensity of climacteric disorders

# Using APILARNIL

- Milky liquid
- Spoils in a few days in the cooler – must be kept frozen
- Honey - preservative, carrier, amplifier
- Pollen – nutritious, trofic, general regulator
- Mixture of apilarnil, honey, pollen:
  - 10% apilarnil
  - 20% pollen
  - 70% honey

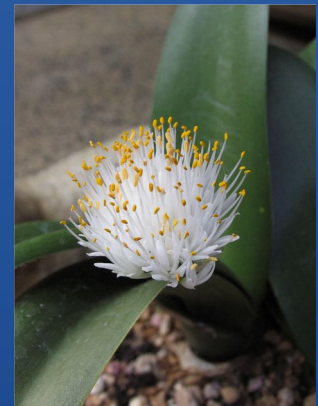


APILARMEL  
USED STARTING  
FROM 2012

# Clinical examples

## Multiple sclerosis

- Recommending from many years fresh frozen royal jelly, fresh frozen pollen, propolis tincture, apitoxin injection (bee stings), herbs, diet
- Introducing (2014) Apilarmel alternatively with the royal jelly
- more energy, more joyful, diminishing fatigue
- improving the diminishing of symptoms



# Clinical examples

## Epilepsy on children

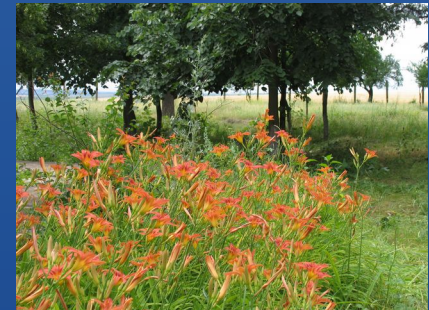
- After starting to take Apilarmel (as single natural remedy) – the crises stopped (some stopping the medication)
- e.g. child of 40 Kg weight – taken 4 teaspoons/day
- When stopping Apilarmel – after 3-6 months the crises re-appeared



# Clinical examples

## Oncology patients

- Under chemotherapy (intravenously), radiotherapy
- Taking Apilarmel as natural remedy (in radiotherapy bigger doses 50-100% more), recommended with zeolit and propolis tincture (depending the patient compliance taking Apilarmel alone or with one or both others)
- Blood analisys good, normal activity
- Better evolution when taking Apilamel, than taking ony the others



# Clinical examples

## Liver chronic pathology

- Administering Apilarmel (4-8 teaspoons/day depending the stage of evolution) along with *Silybum marianum* fruits
- Hepatic enzymes decrease in blood
- Increase haemoglobin, haematocrit
- General state improved



# Clinical examples

## Patient with chronic neuropathy and chronic diarrhea

- Treated with bees products (no apilarnil) herbs, diet – neuropathy improved well, diarrhea disappeared but the transit remained a bit allert, soft faeces
- Changing fresh frozen royal jelly with Apilarmel – intestinal tranzit normal, one stool/day, normal consistency of faeces



# Clinical examples

Adenoids on child of 5 years with abundant mucous secretions, oral respiration, frequent respiratory virosis

- Was used to take fresh frozen pollen and fresh frozen royal jelly – the situation improved
- After taking Apilarmel 1 teaspoon/day, in two months:
  - nasal respiration, including at night
  - no virosis (could go to kindergarden)
  - disappearing of white spots on nails and yellow color on palms and palms of feet
  - blood analysis: first time normal (Hb, Fe, erithrocites sedimentation speed)



# Clinical examples

Respiratory virosis on child of 3 years with frequent respiratory virosis with severe manifestations for 7-10 days

- Administering from debut, Apilarmel 2 teaspoons/day
- Mild manifestation of virosis
- Healed in 3-4 days



# Clinical examples

## Enuresis

- In mild sufferance – Apilarmel 2 teaspoons/day (before sleeping)
- healed completely



# Clinical examples

## Hypotrophy weight



- little girl (born with 2,75 Kg) of 1 year and 7 months with weight of 9,7 Kg, weight stagnated in last month, after varicella and two otitis, the last in progress; enuresis
- Apilarmel - 2 teaspoons/day; after two months:
  - weight – 11,2 Kg
  - enuresis improved
  - general condition much improved

# Clinical examples

## Couple infertility

- Both partners – genital disturbances; the man – abnormal spermogram
- They followed api-phyto-therapy; for the man apilarnil was dominant (mixture with honey), associated with royal jelly
- Result: pregnancy – one girl was born normally



# Technical advantages of APILARNIL

- Using the combs for drones built by bees
- Natural material (wax) in contact with the product
- The queen lays herself the eggs in the cells
- Doesn't disturb the honey production
- Important quantity of product: e.g. 1,584 Kg/hive/season using one single frame, filled three times (on Royal jelly 0,475 Kg/hive/season)



**Kindly thanks Nicolae Ilieșiu  
for inspiration and work,  
to bees for their gift !**





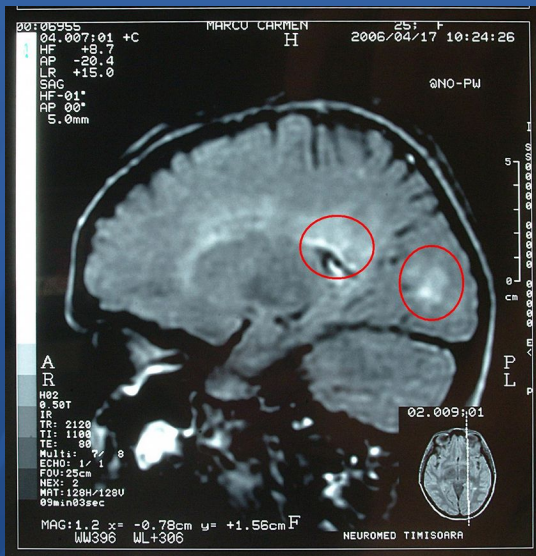
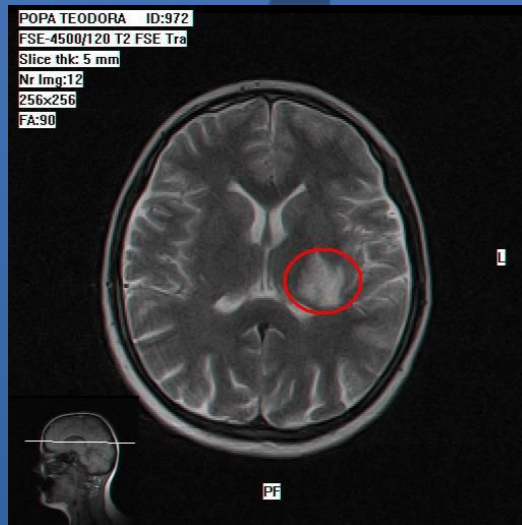
# **Multiple sclerosis**

**Clinical study on a group of 33 patients  
for natural treatment  
made between 2004 - 2009**

# MULTIPLE SCLEROSIS

- Degenerative disease of the myelin layers of the axons of neurons, with areas of demyelination in the brain and/or spinal cord
- Main possible symptoms: progressive paralysis, visual disorders, paraesthesias (different types), urinary symptoms, defecation disorders, asthenia, different pains
- Evolution: chronicle progressive or in accesses
- **INVALIDATING** the patient that will become **DEPENDENT** on the family
- **Affects MORE AND MORE YOUNG PEOPLE**
- **CONVENTIONAL MEDICINE - NO CURATIVE SOLUTION,** but only symptomatic medicines

# MS - diagnose



- Clinical aspects
- MRI: images of the demyelination lesions
- Stimulated electrical potentials
- Bio-chemical analysis of the cerebrospinal fluid
- Necessary to analyze the eventually infection with Borrelia or Babesia, Bartonella, Ehrlichia, Coxiella, Mycoplasma, viruses (HHV-6, CMV, EBV, Borna, XMRV)

# **The therapy**

## **- main action directions -**

- **REGENERATION**
- **Detoxification; elimination of any deposits and/or blockages on organs, doshas, meridians**
- **Reducing the inflammation**
- **Improving the digestion, intestinal transit**
- **Improving the psycho-emotional state**
- **Increasing of the body energetic level, regulate the auto-defense system level**
- **Improving and maintenance of all the body organs and functions**
- **Symptoms control**



# Bees products

## Main actions

Royal jelly – regenerator

Apilarnil - regenerator

Bee venom – stimulating

- anti-inflammatory

Propolis – anti-inflammatory

Pollen – general regulator for structures and functions

Honey - carrier and amplifier

- harmonizing



# API-THERAPY

- propolis tincture 30%, from 1 to 2(3) x 2(3) ml/day
- raw royal jelly: from 1 to 8 (10) ml/day, periodically
- fresh frozen pollen: from 3 to 10 teaspoons/day
- honey: minimum 2 teaspoons/day
- apilarnil sometimes about 2 ml/day
- bee venom: cream in the preparation part, then injectable apitoxin



# Injectable apitoxin (BV) therapy

- intra-dermal injections, solution of 0,02 g/100 ml;
- usual dose: 0,02 ml/1 sting
- two sessions in the week
- the number of the points / session:  
increase slowly, depending the symptoms, psycho-emotional, weight, associated problems; our cases: from 3-4 to medium 12 / session



# PHYTO-THERAPY

- Teas of *Lavandula angustifolia*, *Petasites hybridus*, *Urtica dioica*, *Mellilotus off.*, *Lavandula angustifolia*, *Thymus serpyllum*, *Melissa off.*, a.o.
- Ayurvedic preparations with *Withania somnifera*, *Asparagus racemosus*, *Centella asiatica*, a.o.
- Powders of *Zingiber off.*, *Phoeniculum vulgare*, *Chelidonium majus*, *Acorus calamus*, a.o.
- Tinctures of *Echinacea angustifolia*, *Crataegus monogyna*, *Valeriana off.*, a.o.



# ASOCIATED TREATMENT



- Other products: ghee, zeolit
- Psycho-emotional therapy
  - Life stile correction
  - Diet

# Clinical evolution after one year of treatment

- group of 33 patients -

SEX	
WOMEN	MEN
18	15

AGE				
20 – 30	31 - 40	41 – 50	51 – 60	Over 60
12	12	7	1	1

Groups by lenght of symptoms before api-phyto-therapy			
Up to 12 months	12 – 24 months	2 – 5 years	Over 5 years
8	7	3	15



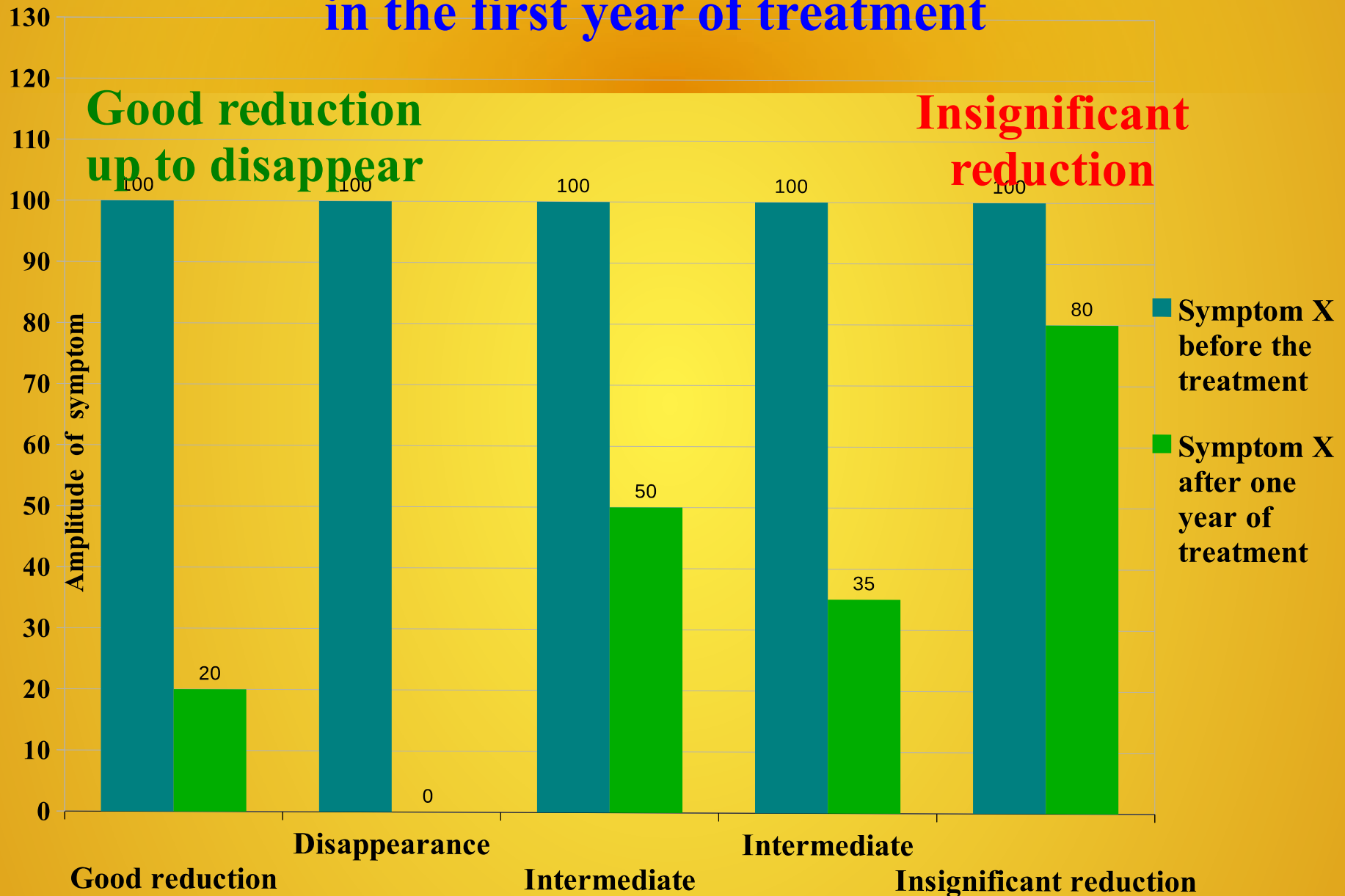
## **ANALYSED SYMPTOMS**

- **Movement disorders**
- **Asthenia**
- **Paraesthesias**
- **Visual disorders**
- **Urinary symptoms**

## **ANALYSIS CRITERIAS**

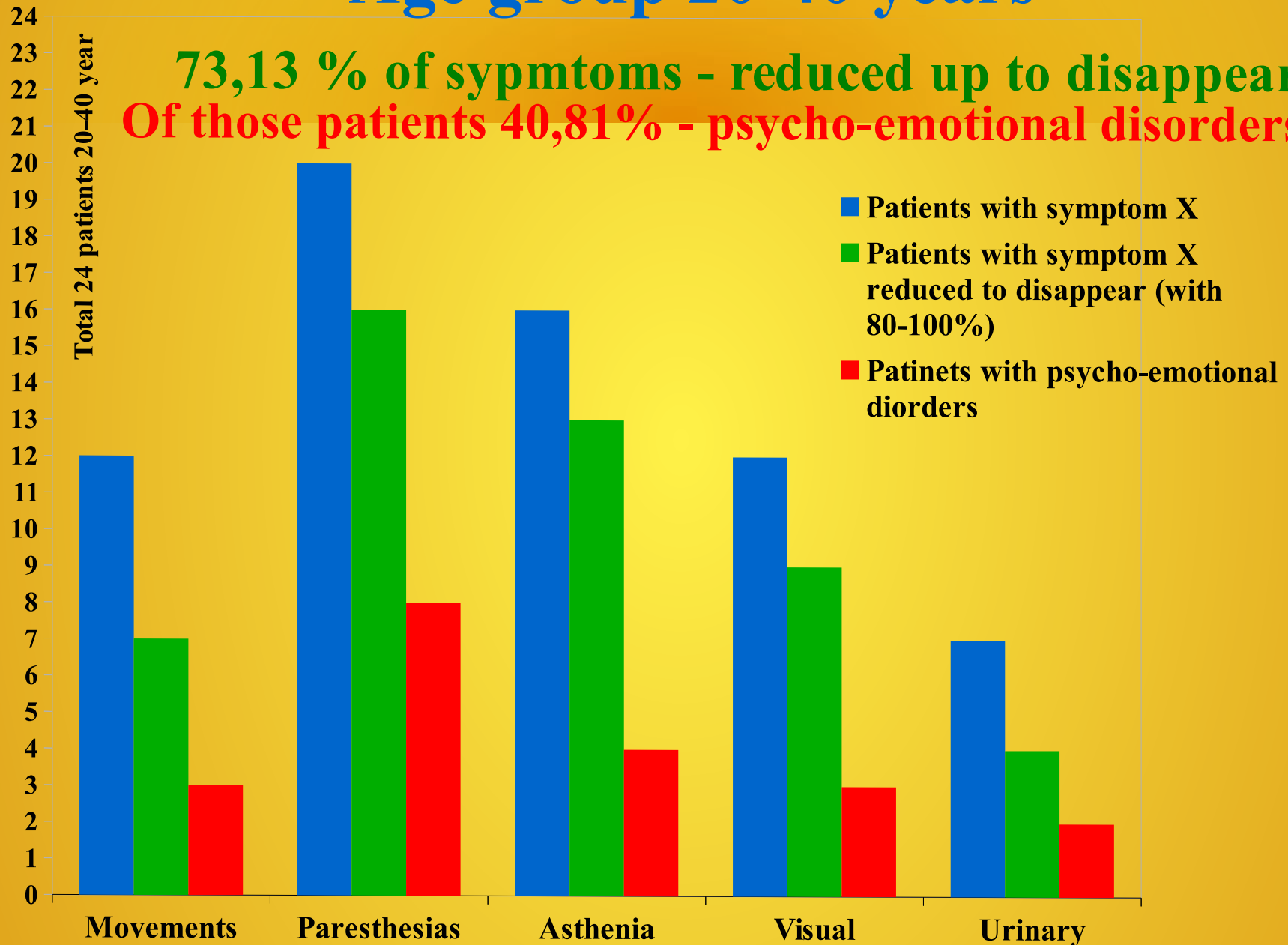
- **Age of patients**
- **Length of symptoms**
- **Psycho-emotional disorders**

# Types of evolution of symptom X in the first year of treatment

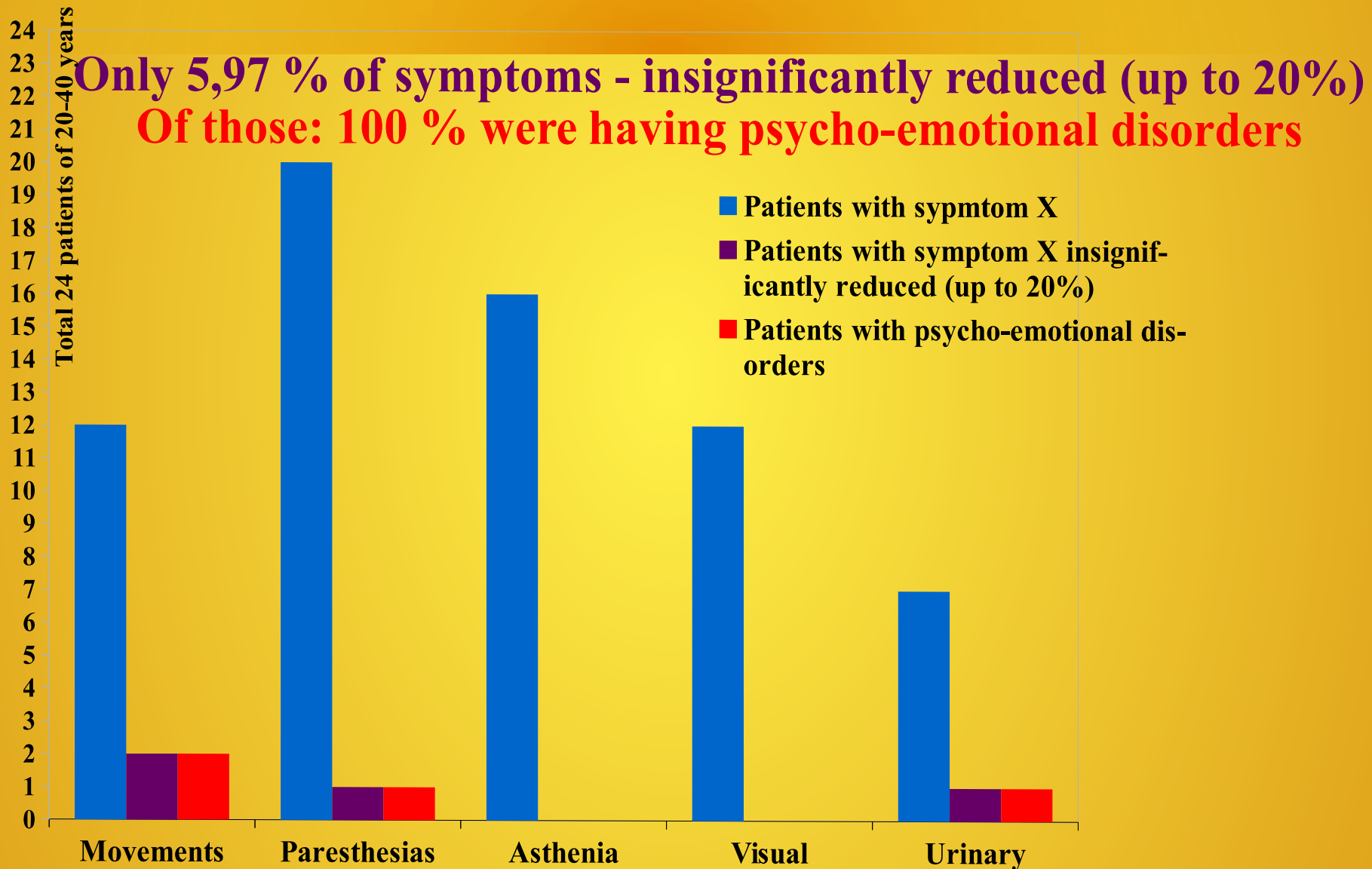


# Age group 20-40 years

**73,13 % of symptoms - reduced up to disappear**  
**Of those patients 40,81% - psycho-emotional disorders**



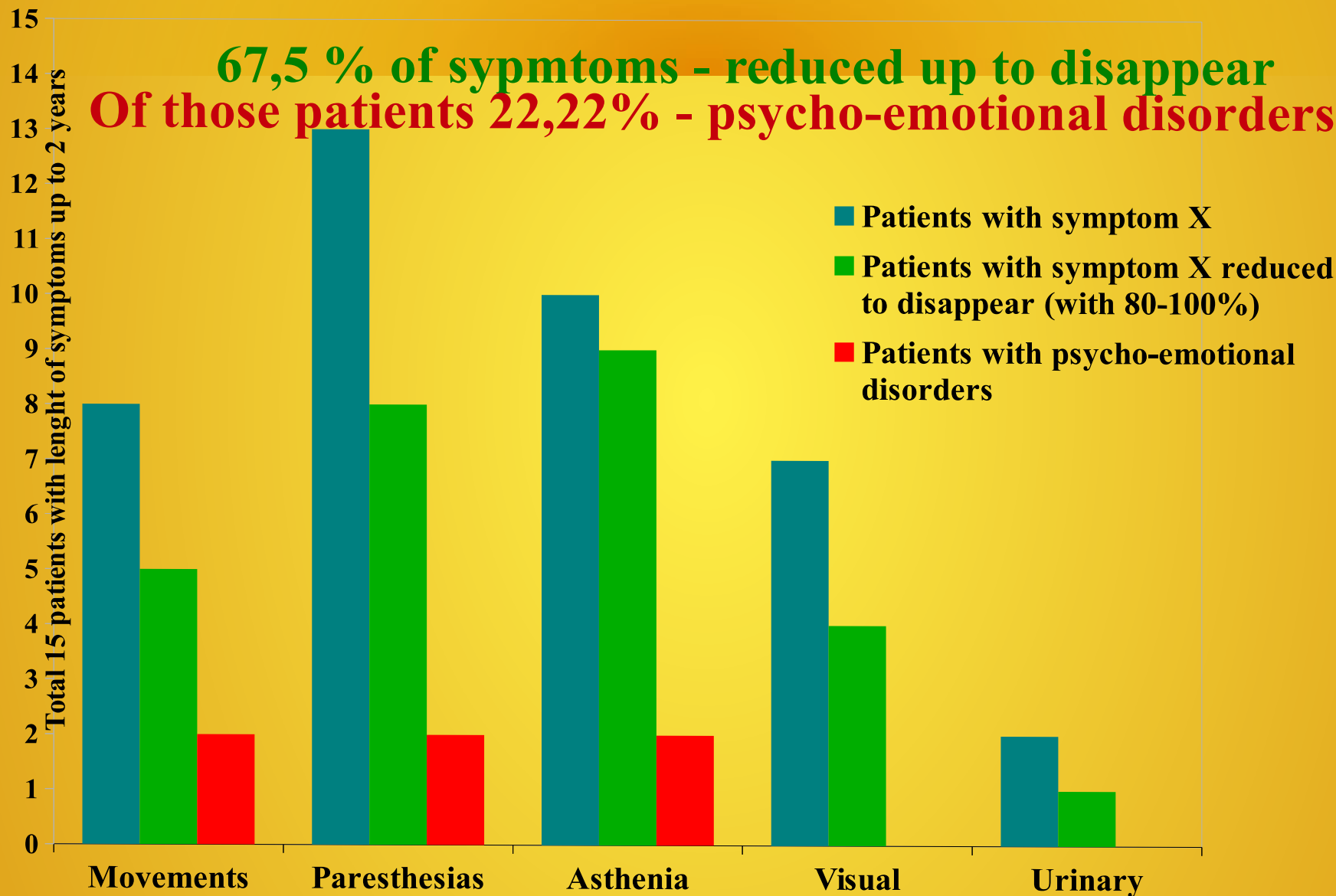
# Age group 20-40 years



# In the group with length of symptoms up to 2 years

**67,5 % of symptoms - reduced up to disappear**

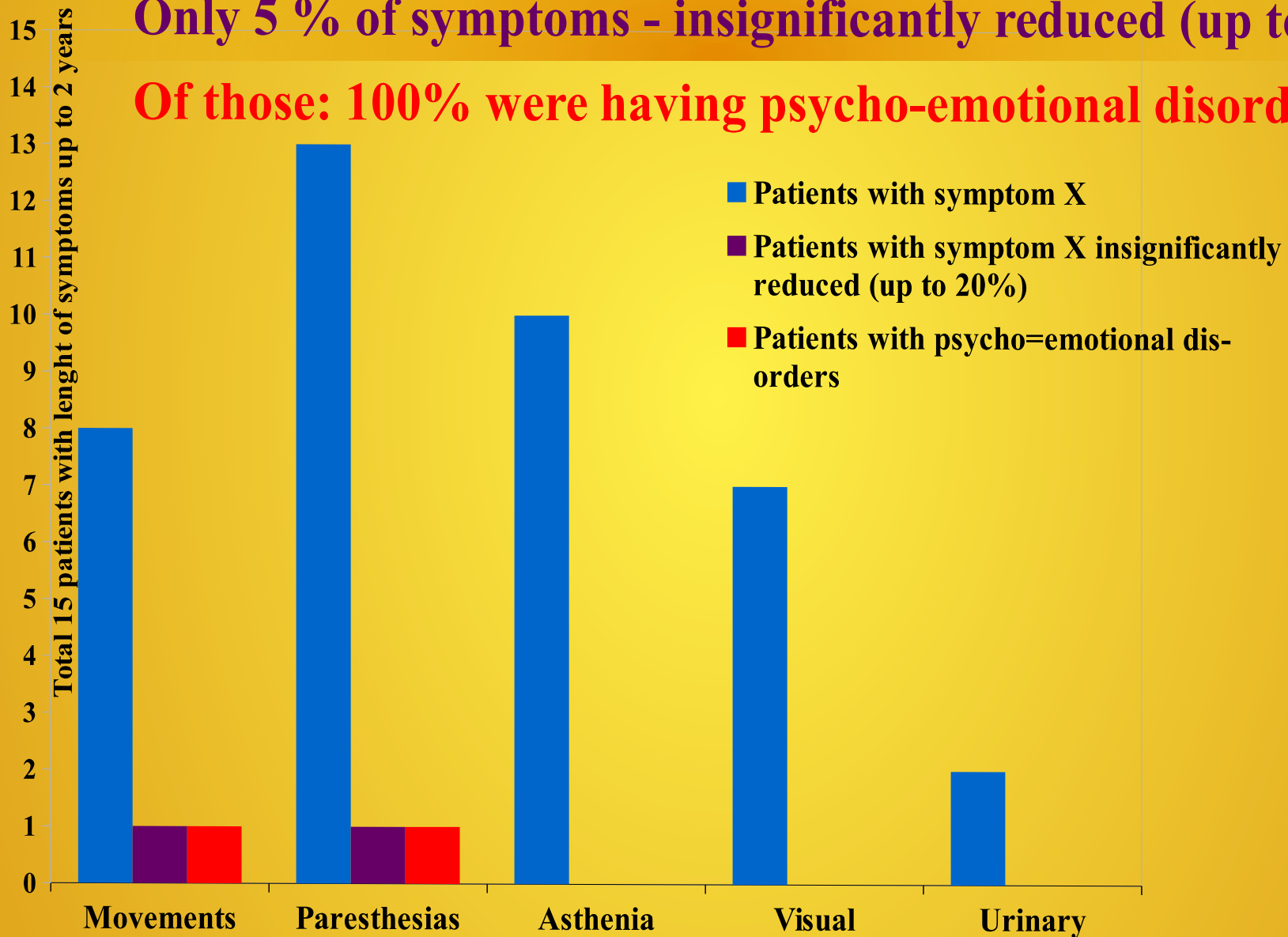
**Of those patients 22,22% - psycho-emotional disorders**



# In the group with length of symptoms up to 2 years

Only 5 % of symptoms - insignificantly reduced (up to 20%)

Of those: 100% were having psycho-emotional disorders



# **MRI evolution**

## **after one year of treatment**

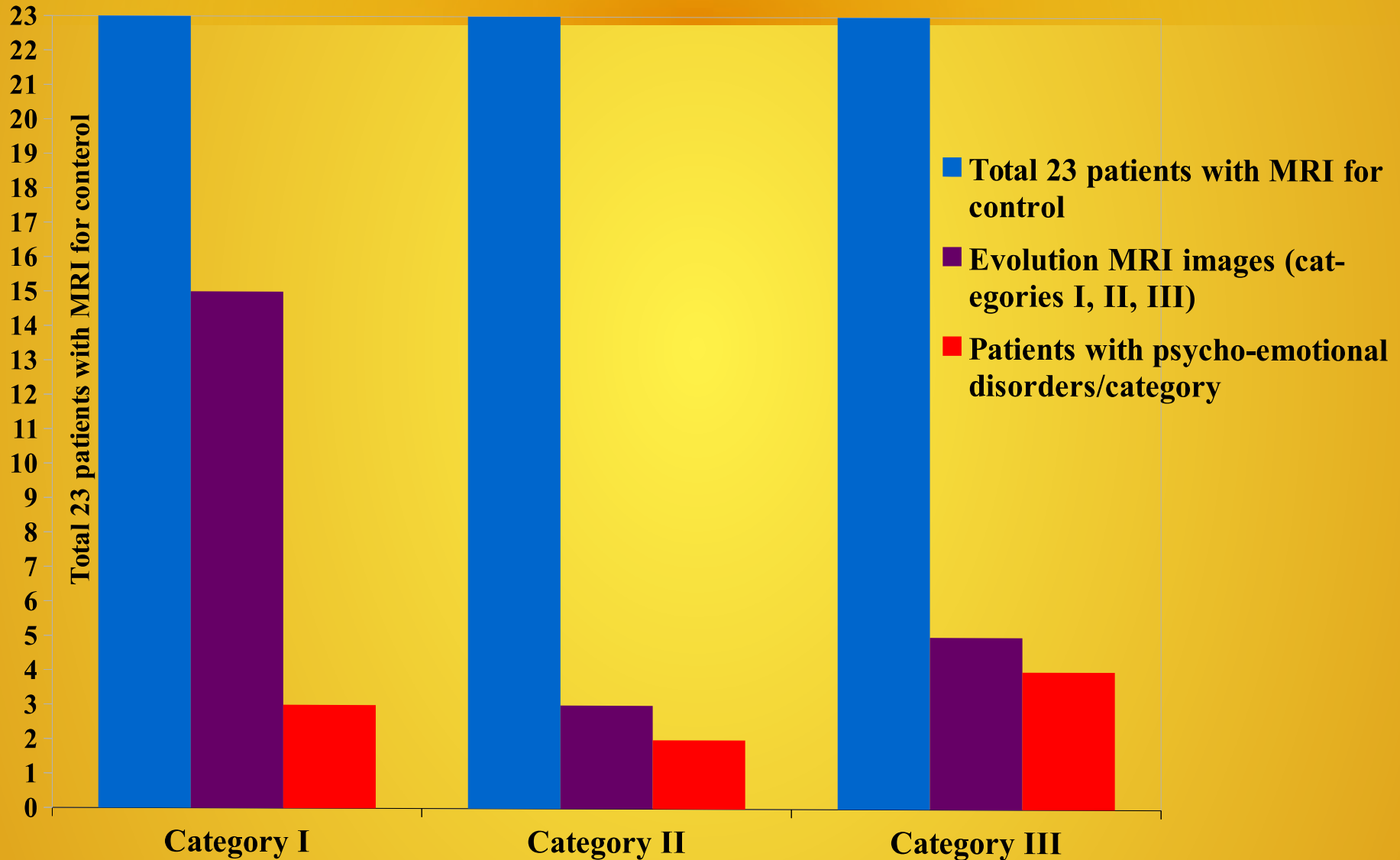
for a group of **23 patients** (part of the 33)

### **Three categories:**

- **Category I** with 15 patients: **disappearance and/or decrease of some demyelination lesions = proof of REGENERATION**
- **Category II** with 3 patients: **stationary**
- **Category III** with 5 patients: **disappearance and/or decrease of some of the demyelination lesions together with appearance of some new lesions**



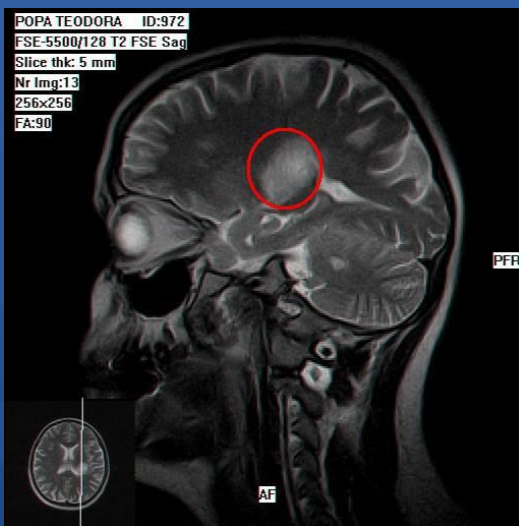
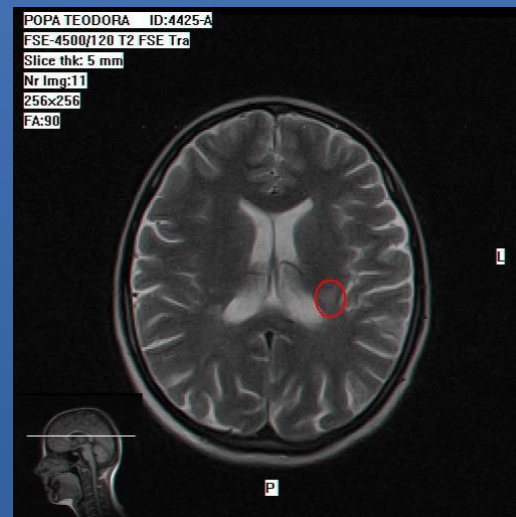
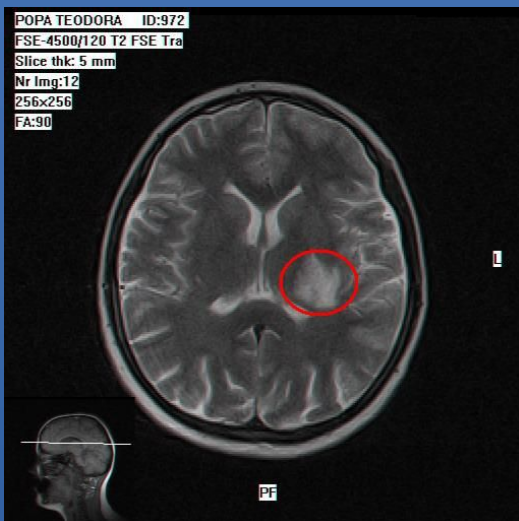
# Evolution of MRI images in relation with the psycho-emotional



# Patient 2 – diminishing of one big lesion in the brain

## Mai 2003

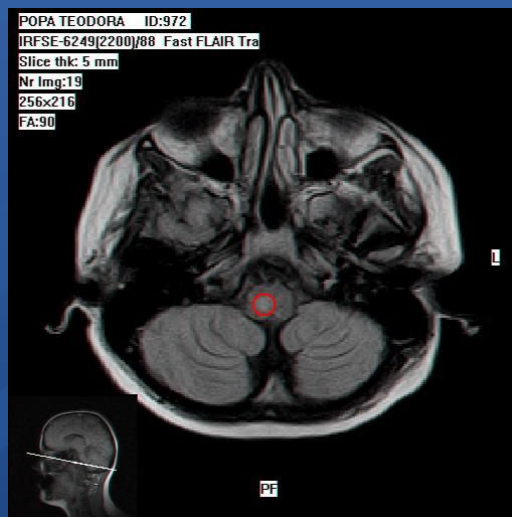
## July 2005



# Patient 2 – disappearance of one lesion in the hind-brain

## May 2003

## July 2005



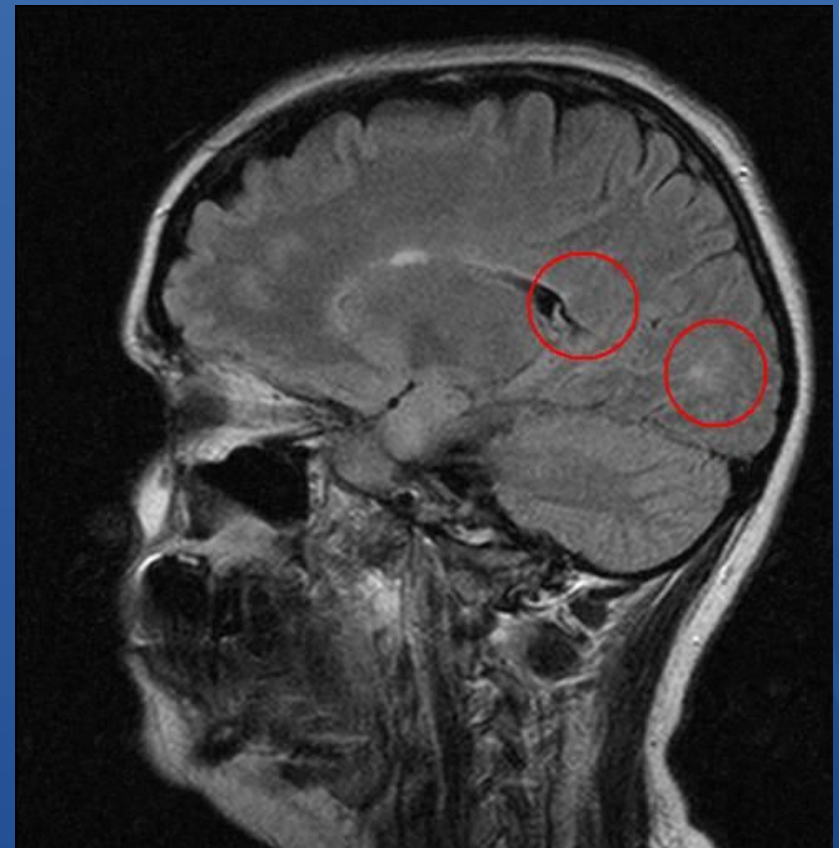
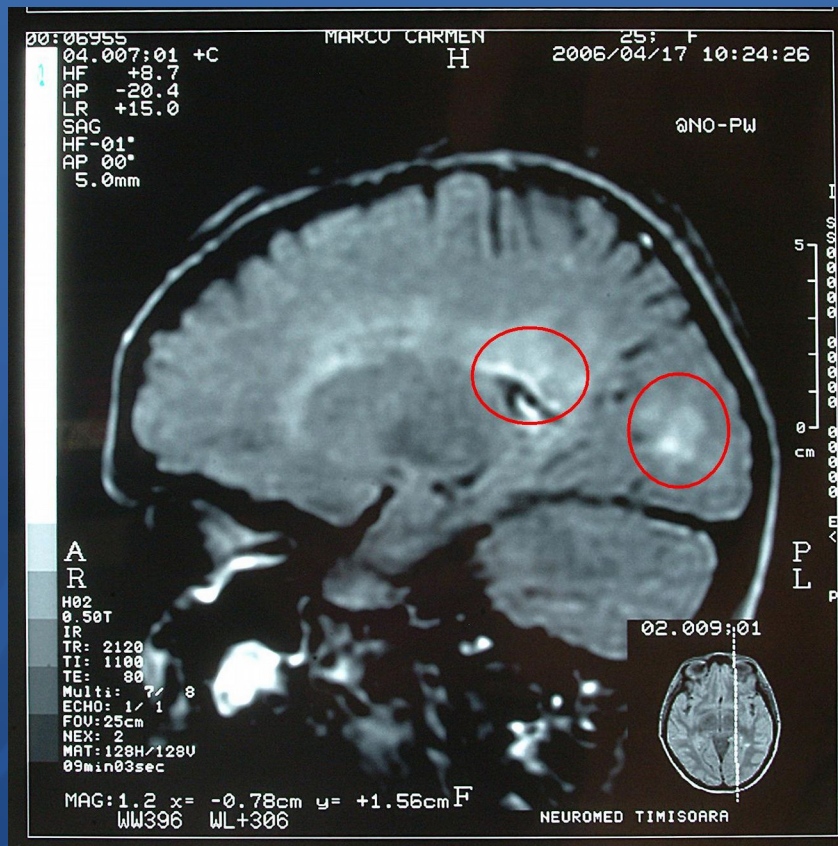


# Patient 9

Diminishing and disappearing of other lesions  
in the brain

Apr. 2006

Feb. 2007



# INTERPRETATION

## PATIENTS

**BETWEEN 20 – 40 YEARS AGE,**  
**after one year of treatment:**

- **73,13 %** of the totally symptoms were reduced with **80 -100 %**
- Only **5,97 %** of the totally symptoms were insignificantly reduced, with **0 - 20 %**
- **11 of 18** patients had improvements of MRI images, **3** were stationary and **4** had diminished or disappeared images together with new images

# INTERPRETATION

PATIENTS IN THE

FIRST 2 YEARS OF CLINICAL EVOLUTION,

after one year of treatment:

- 67,5 % of the totally symptoms were reduced with 80 -100 %
- Only 5 % of the totally symptoms were insignificantly reduced, with 0 - 20 %
- 10 of 14 patients had improvements of MRI images, 2 were stationary and 2 had diminished or disappeared images together with new images

# CAUTIONS

- **The results of this analysis are orientative,  
and not stable statistically**
- **To have statistical stability, it is necessary  
to analyze one lot of minimum 80 patients**

# INTERPRETATION

- The patients near the debut,  
those with positive psychic  
and those who are young  
have the best chances  
to be completely recovered  
and to have a normal life
  - They had good improvements on MRI imagines
- THE NATURAL THERAPY OFFERS A BETTER WAY  
AS SOLUTION IN MS CONDITION

# PARTICULARLY CASE

Young lady with MS, 34 years, treated in team:

- oral treatment from Romania – Dr. Aosan
- bee venom therapy in Spain, by Pedro Perez

Results:

- **in four months all symptoms disappeared;**  
she get back to work
- **one demyelination lesion disappeared,** on  
cervical spine, on MRI for control made after one  
year



**Apitherapy in the daily life and daily practice**

**APITHERAPY IS EFFICIENT  
IN VARIED CONDITIONS**

**APITHERAPY OFFERS SOLUTIONS  
IN COMPLICATE SITUATIONS**

**KINDLY THANKS TO BEES !**

