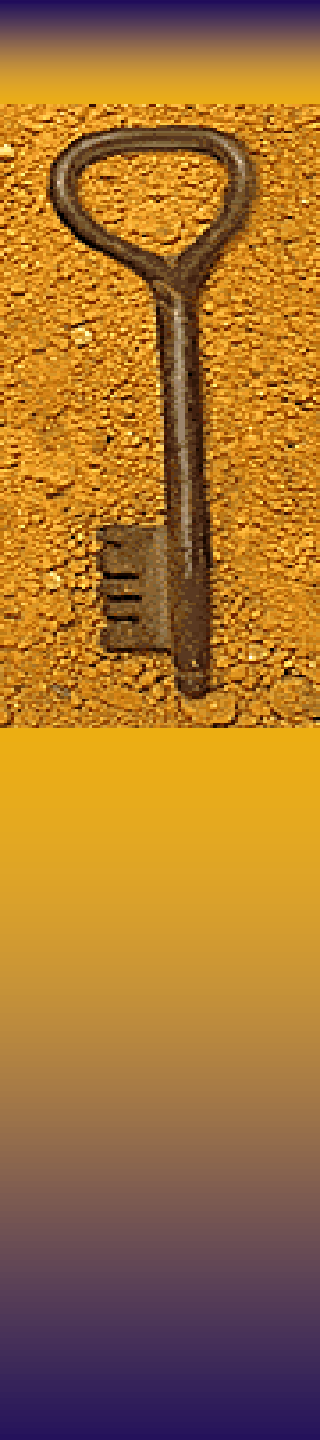
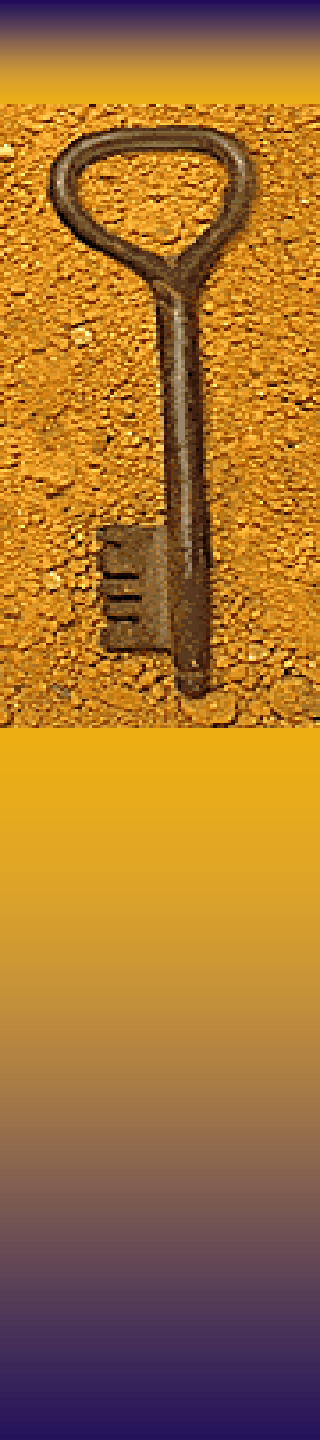


Piede Diabetico



Piede Diabetico





Piede Diabetico



*Buongiorno Marco, mi permetto di inviarti le foto del piede diabetico dopo 7 gg di trattamento. Inoltre, ci sono miglioramenti ulteriori non visibili . Cordiali saluti
Viktoria*

Piede Diabetico



Immagine del 18.03.2019.

La paziente cammina per
circa due ore al giorno.



*Immagine del 21.03.2109 subito
dopo la scopertura dalla
medicazione*



*Immagine del 03.04.2109
subito dopo la scopertura
dalla medicazione*

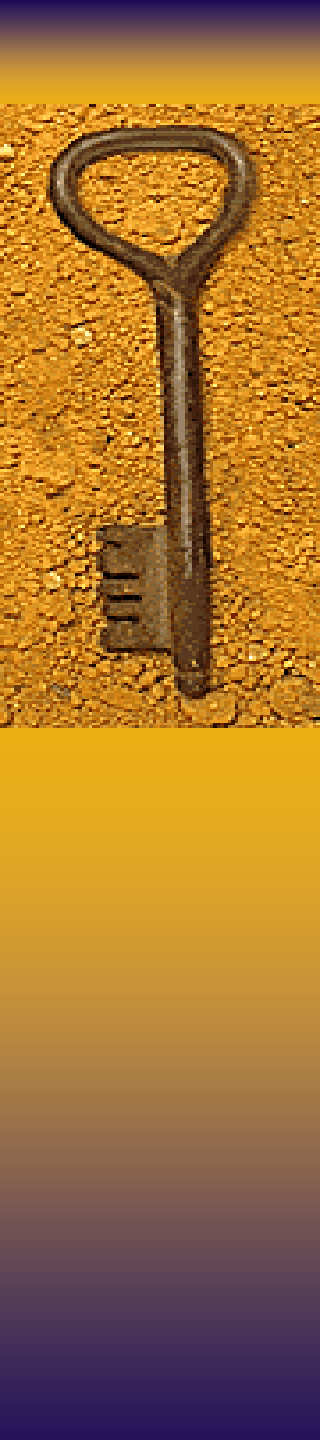
Piede Diabetico



21.01.2019



*03.04.2019 guarigione
avanzata*



PROGETTO MICRO



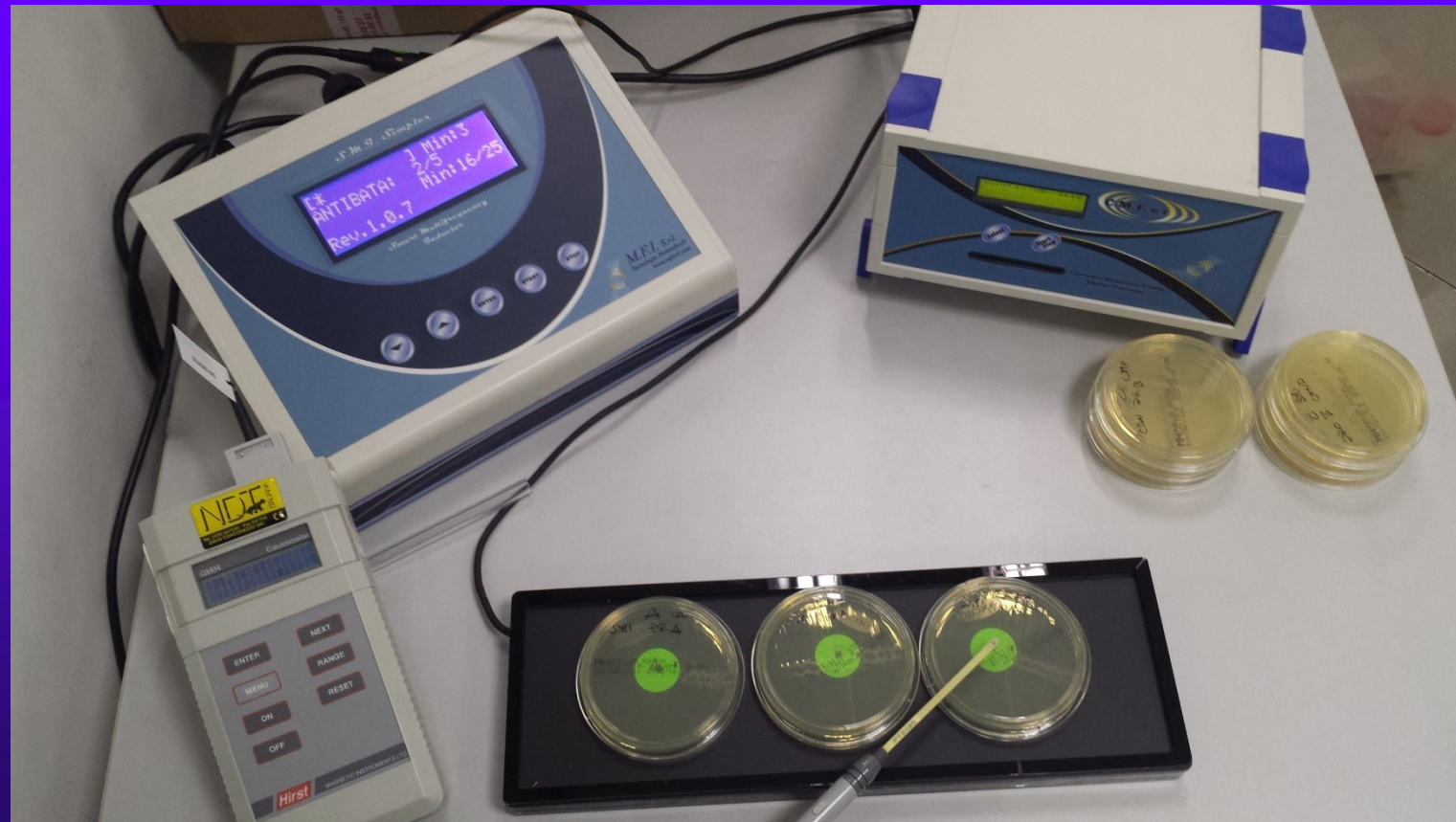


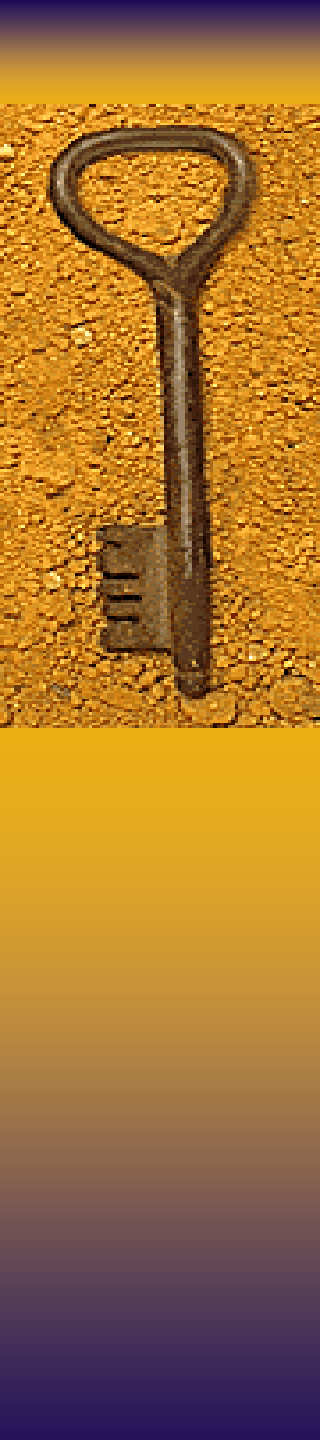
PROGETTO MICRO





PROGETTO MICRO





RISULTATI PRELIMINARI



***Klebsiella trattato
Antibat x 2 (46')***



Klebsiella Ctrl



Therapy of diabetic ulcer

- bCGF – blood's Concentrated Growth Factors
- CMF – tissues regeneration program
- – 10 sessions, 1 every 3 days

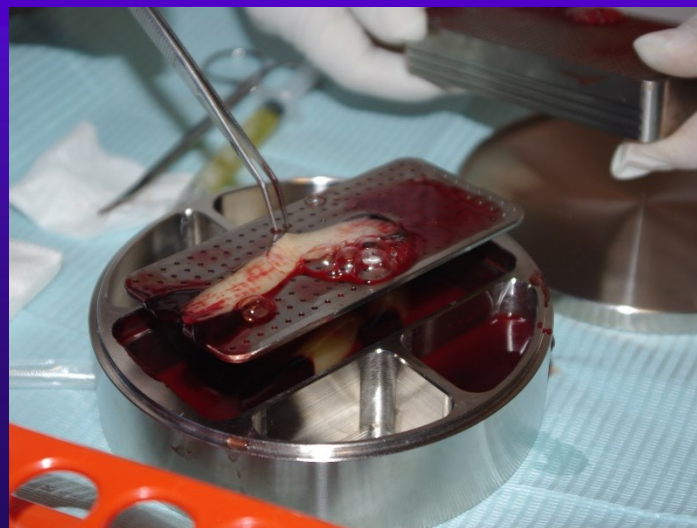


IAIO Team - S. Domingo

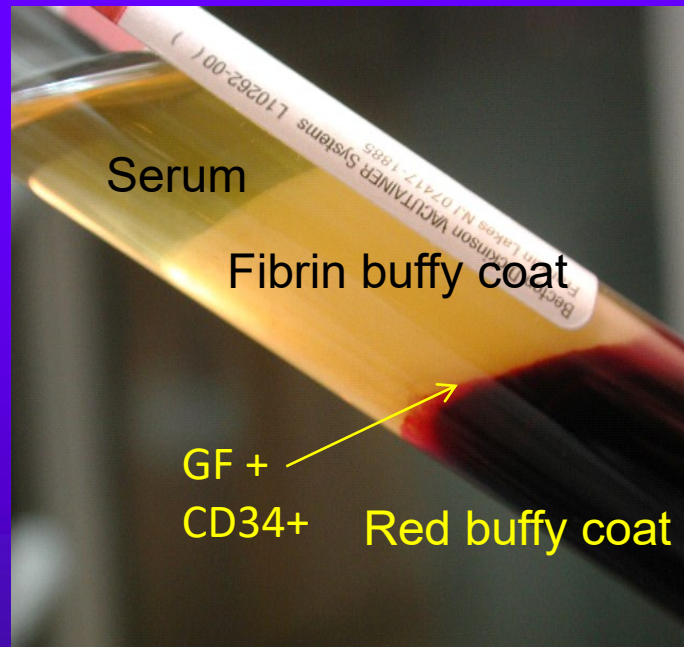
Diabetic ulcer



Diabetic ulcer



bCGF Blood's Concentrated Growth Factors



The bCGF (IAIO Patent)
Blood Concentrated Growth Factors

Condensed fibrin

Serum
Fibrin buffy coat
GF + CD34+ Red buffy coat

Fibrin scaffold

- To obtain immediate fibrin scaffold
- To add autologous bone supported by the fibrin scaffold
- To add concentrated Growth Factors and CD34+ stem cells (Cord blood CD34+ cells are known to be potent angiogenic stimulators)
- To add intact concentrated platelets
- To add concentrated erythrocytes and leukocytes

- To obtain immediate fibrin scaffold
- To add autologous bone supported by the fibrin scaffold
- To add concentrated Growth Factors and CD34+ stem cells (Cord blood CD34+ cells are known to be potent angiogenic stimulators)
- To add intact concentrated platelets
- To add concentrated erythrocytes and leukocytes

Diabetic ulcer



Diabetic ulcer



Riparazione a 15 gg.



Riparazione a 21 gg.



Riparazione a 30 gg.



Reference

- ◆ Kirillov IB, Suchkova ZV, Lastushkin AV, Sigaev AA, Nekhaeva TI (1996) **Magentotherapy in the comprehensive treatment of vascular complications of diabetes mellitus** - . Klin Med (Mosk) 74(5):39-41. 320
- ◆ Vodovnik L, Karba R (1992) **Treatment of chronic wounds by means of electric and EMFs: Part 1 - Literature review**. Med Biol Eng Comput May;30(3):257-266. Faculty of Electrical & Computer Engineering, Univ of Ljubljana, Slovenia.
- ◆ Ieran M, Zaffuto S, Bagnacani M, Annovi M, Moratti A, Cadossi R (1990) **Effect of low frequency pulsing EMFs on skin ulcers of venous origin in humans: a double-blind study**. J Orthop Res Mar;8(2):276-282. Dept of Med Angiology, Arcispedale S. Maria Nuova, Reggio Emilia, Italy.

Diagnosi: amputazione da trauma



Diagnosi: amputazione da trauma
Trattamento con bCGF e CMF

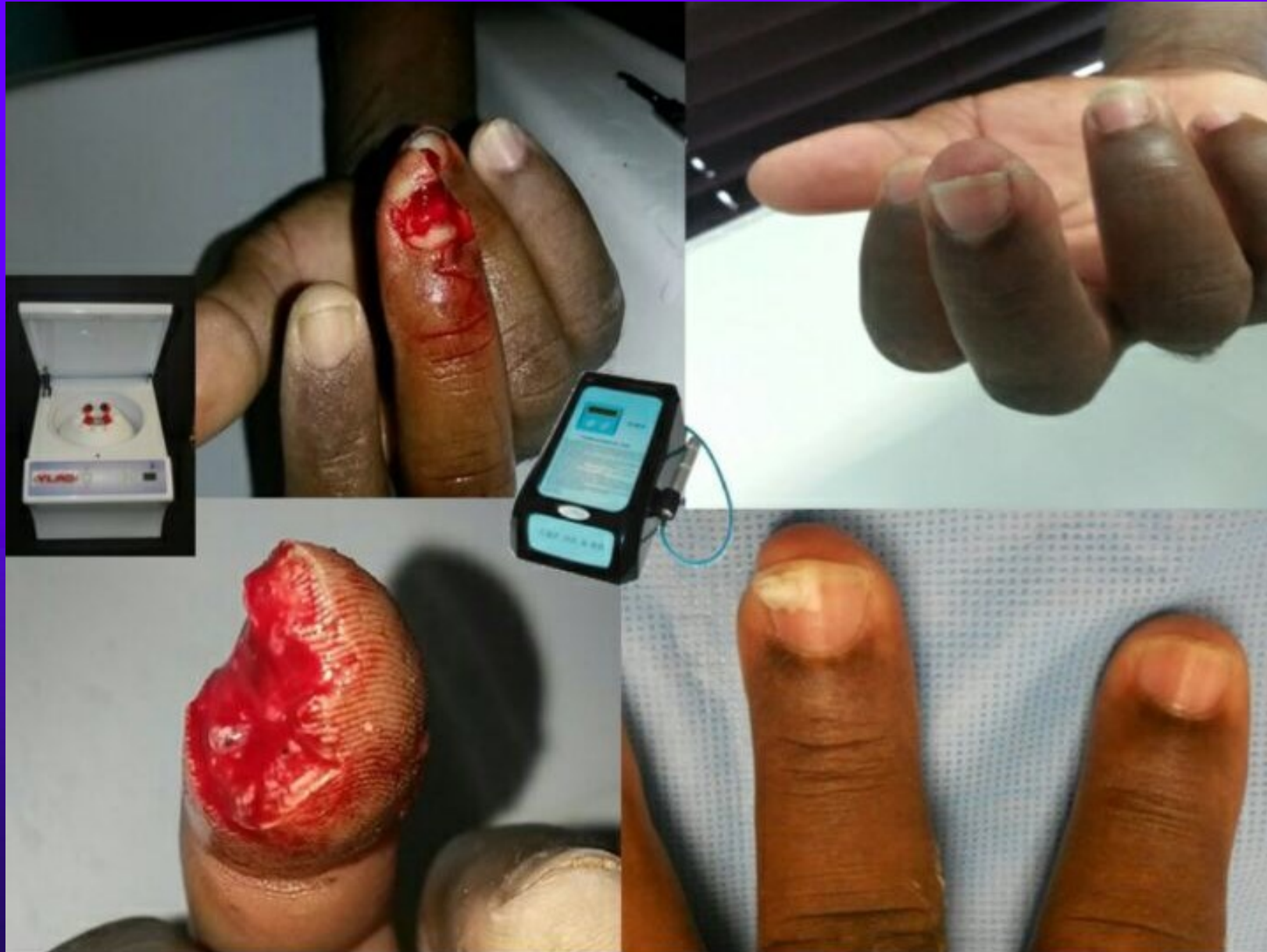


Diagnosi: amputazione da trauma
Trattamento con bCGF e CMF



*Diagnosi: amputazione da trauma
Trattamento con bCGF e CMF*

RISULTATO A 30 GIORNI





The repair morphogenesis of soft oral tissues with CMF

The therapy starts on 4th nov. 2007



F. Crescentini 2010



18 Nov. 2007



F. Crescentini 2010

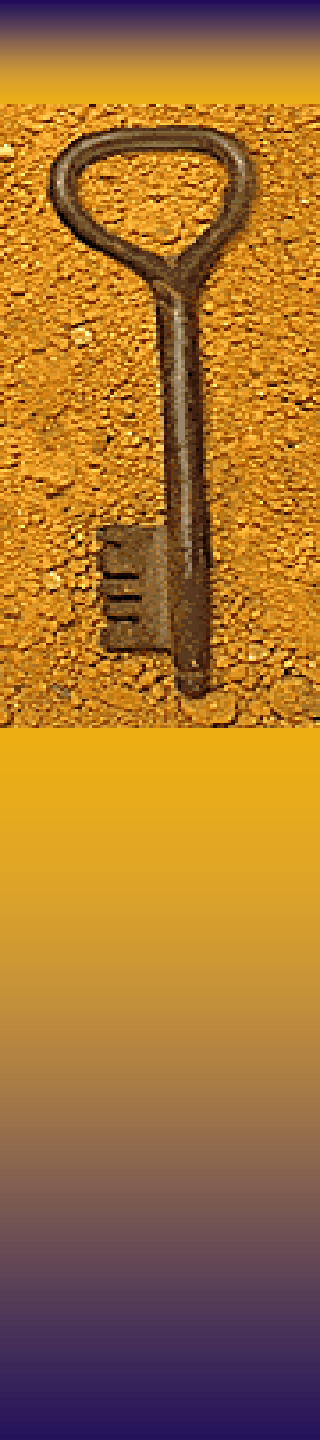


25 Nov. 2007



F. Crescentini 2010





6 Dicembre After 6 inductions
1 every 3 days



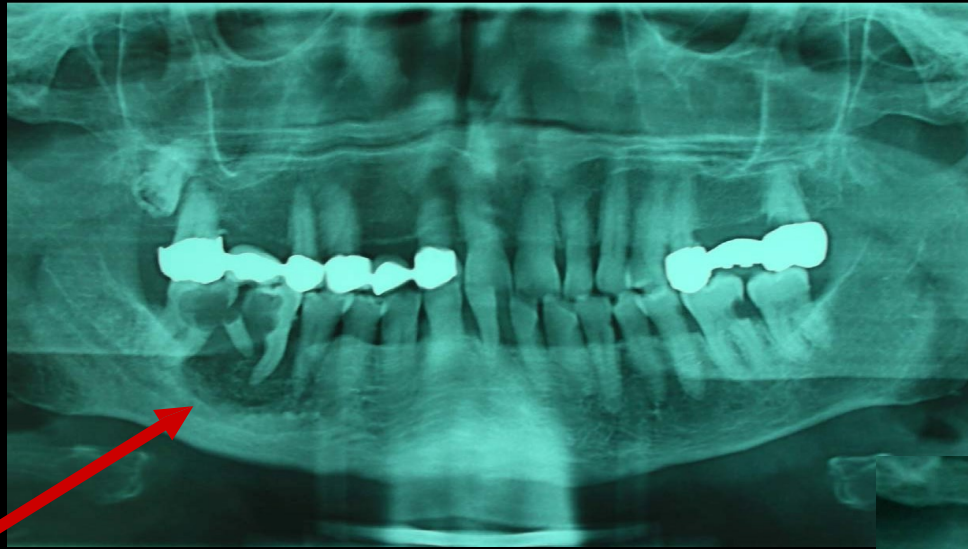
F. Crescentini 2010



BRONj

Bisphosphonate related osteonecrosis of the jaws

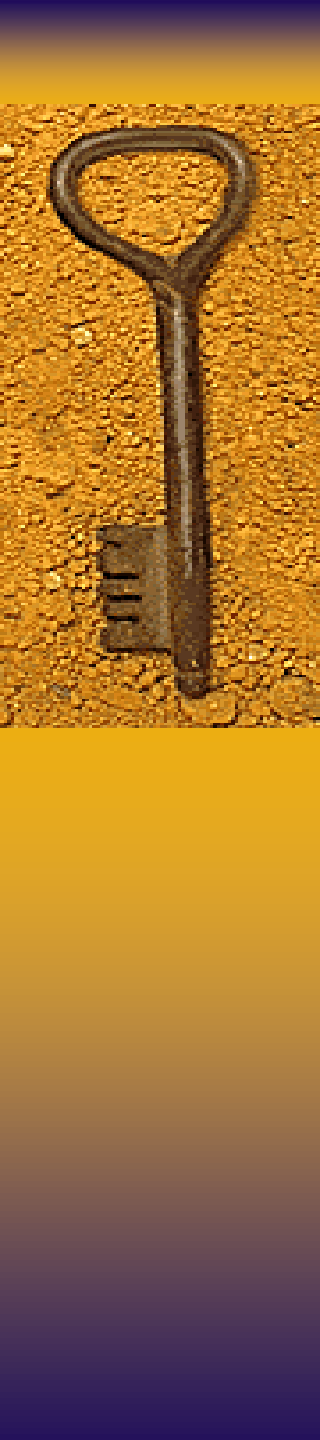




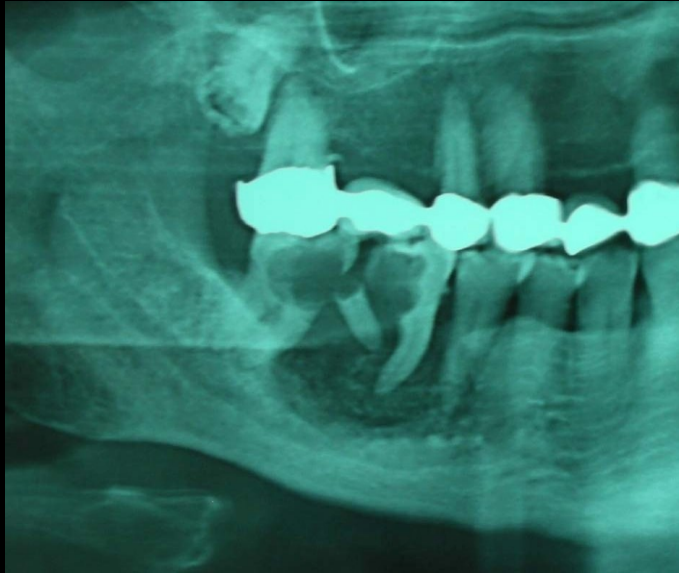
BRONj

Bisphosphonate
related osteonecrosis
of the jaws

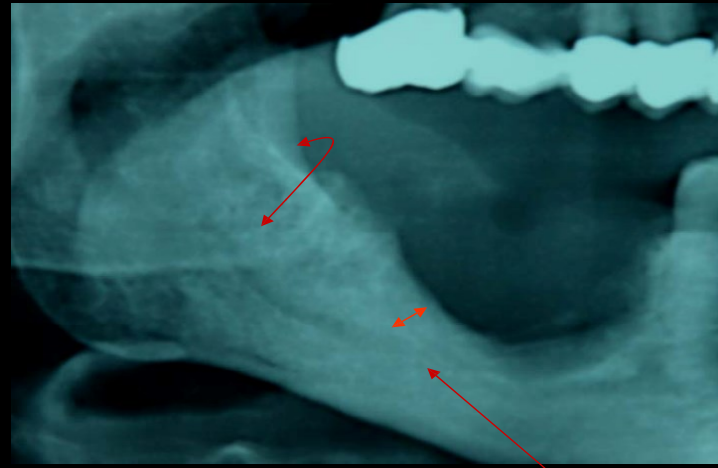
45 days after



BRONj Surgical Regenerative Therapy



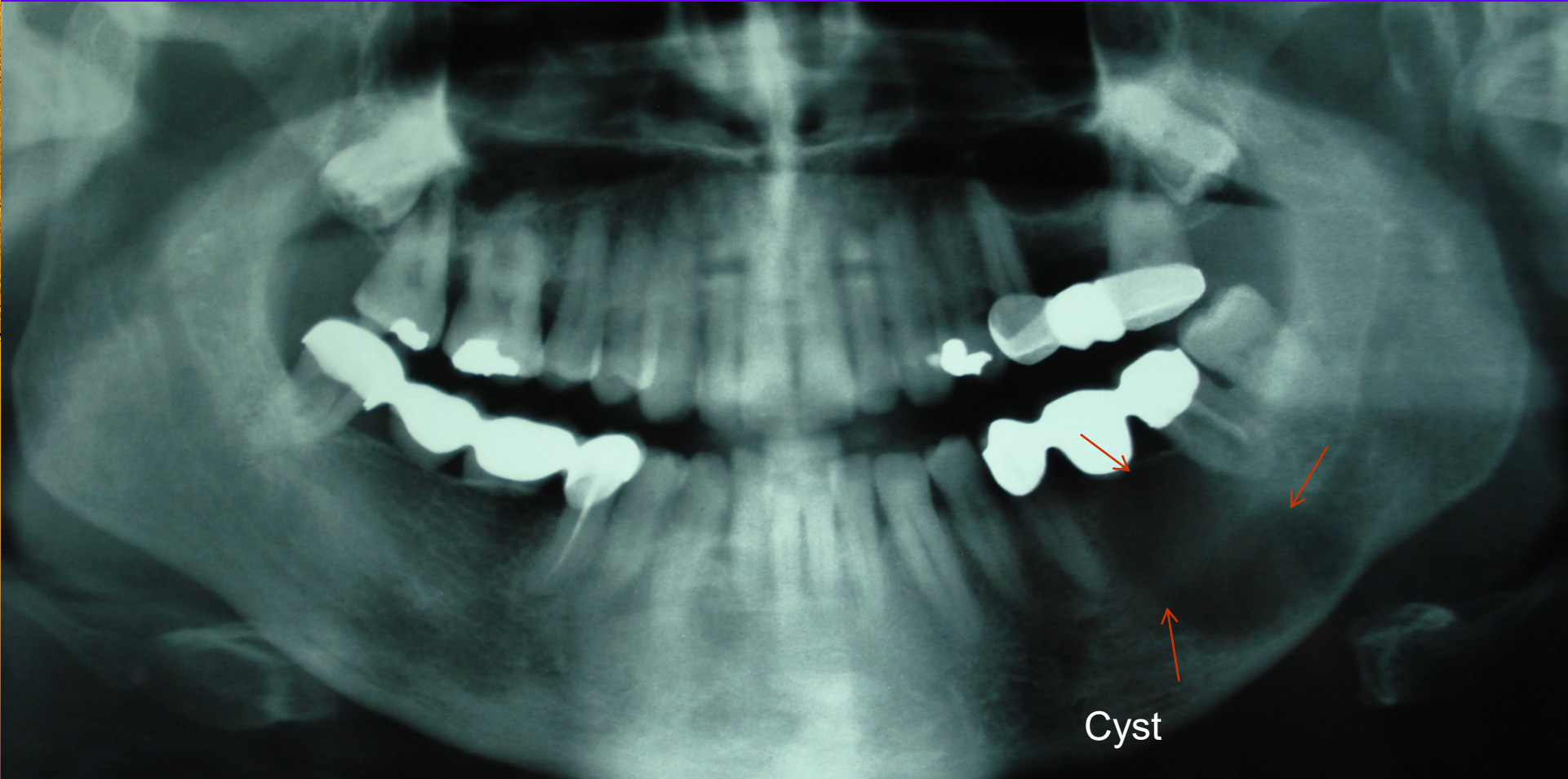
4D Repair
Osteomorphogenesis
45 days after



Channel
repair

**Surgical, physical and
Biotechnological
therapy
of
a large mandibular cyst**

Mandibular cyst



The mandibular channel is englobed into the cyst

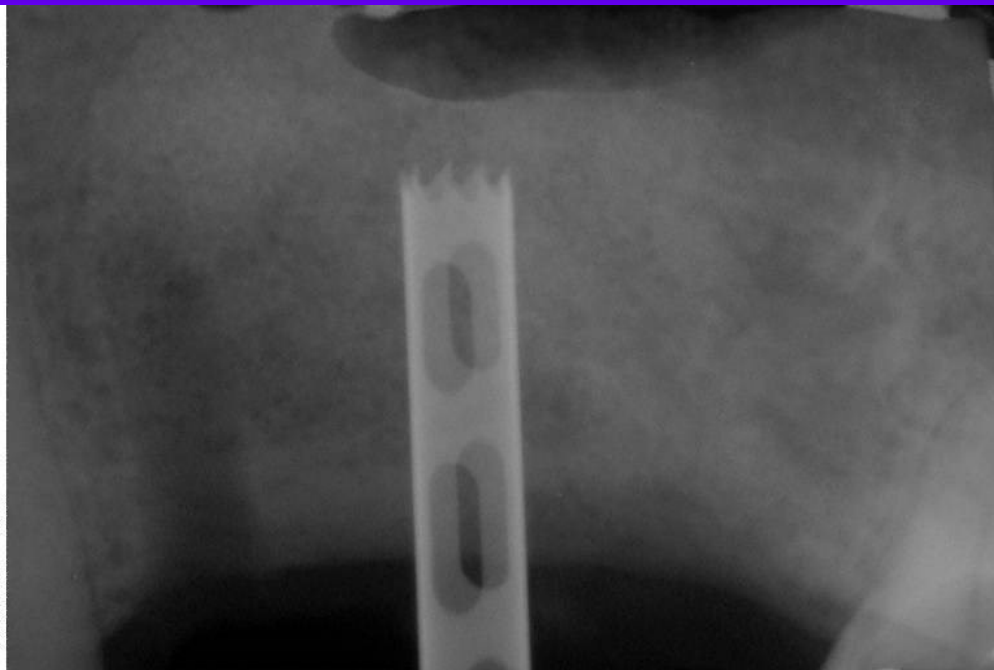


90 days later

Repair Morphogenesis
of mandibular channel and bone

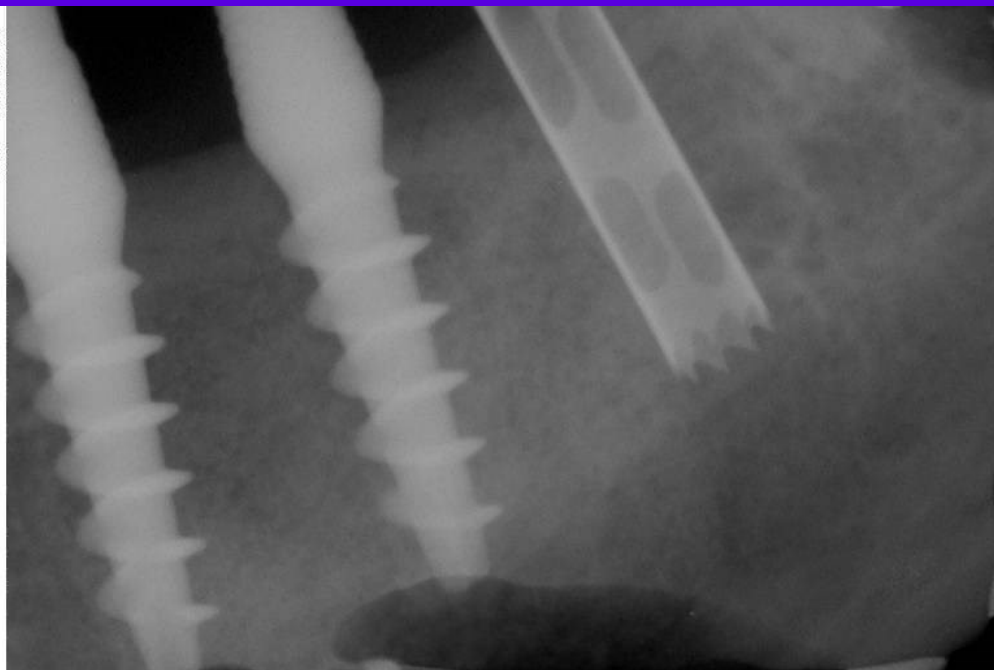


001 942 3 55 5 SIMX113

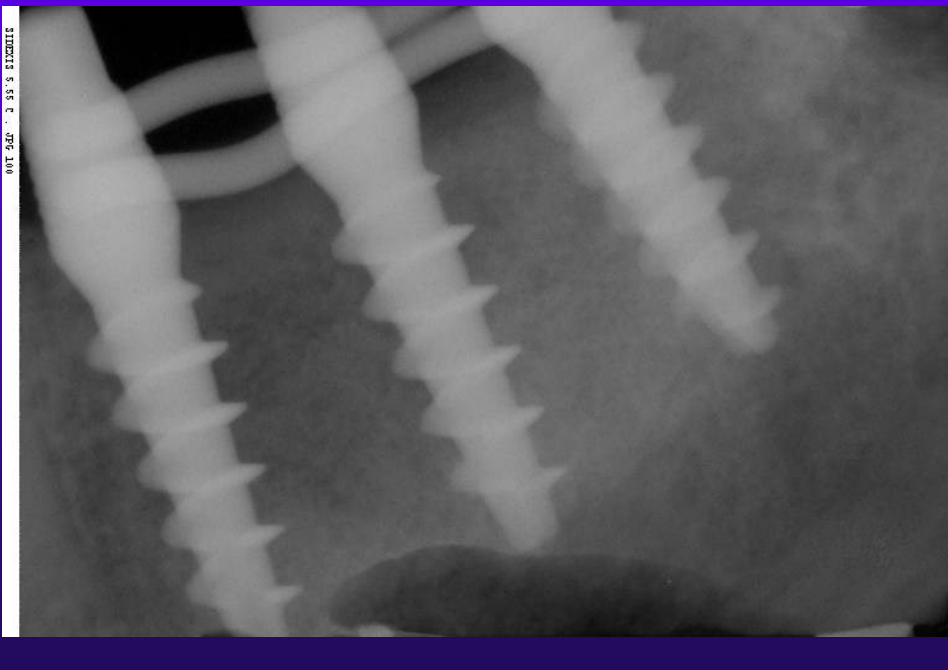


**Bone Core
120 days later**

001 942 3 55 5 SIMX113

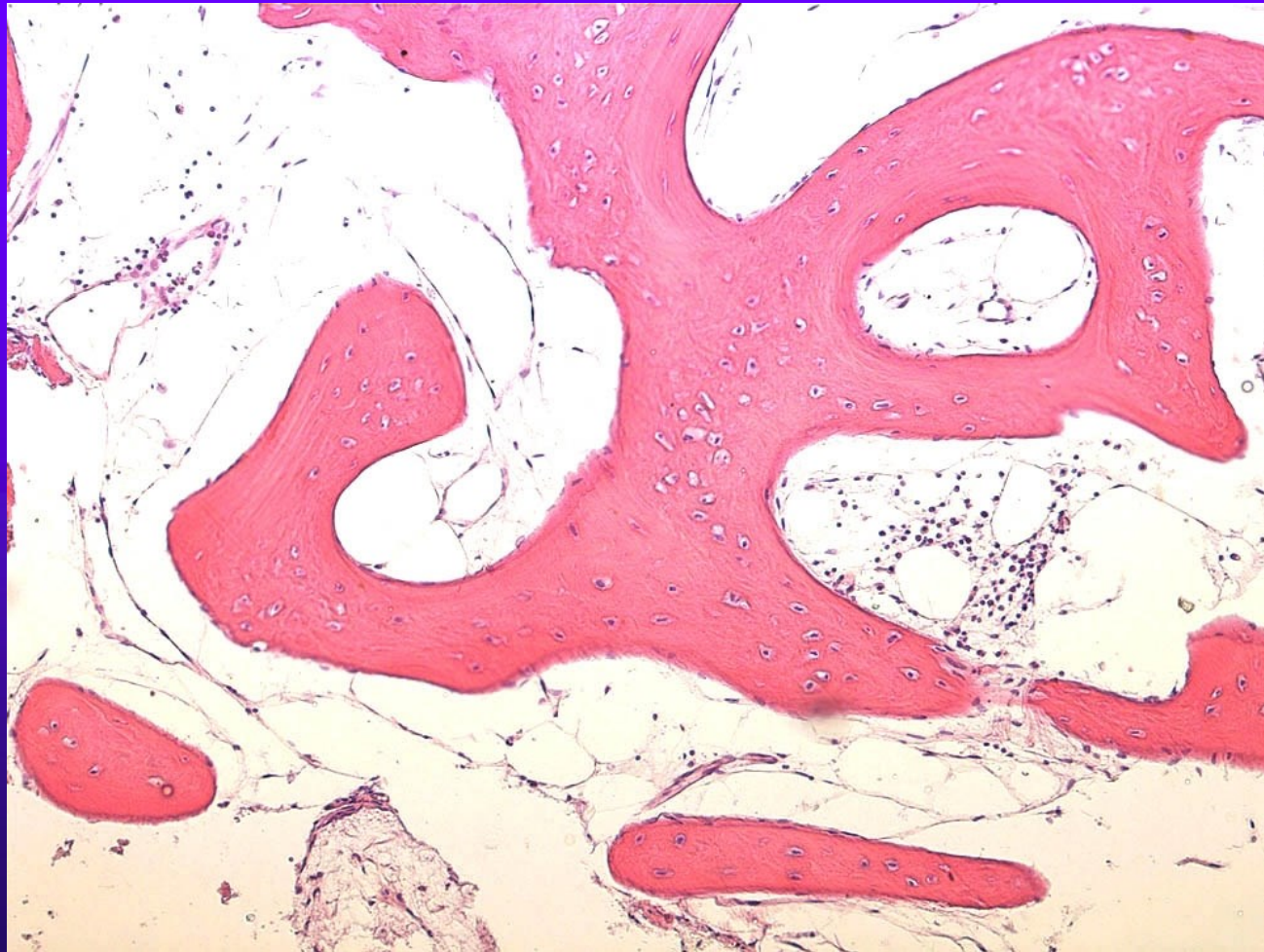


001 942 3 55 5 SIMX113



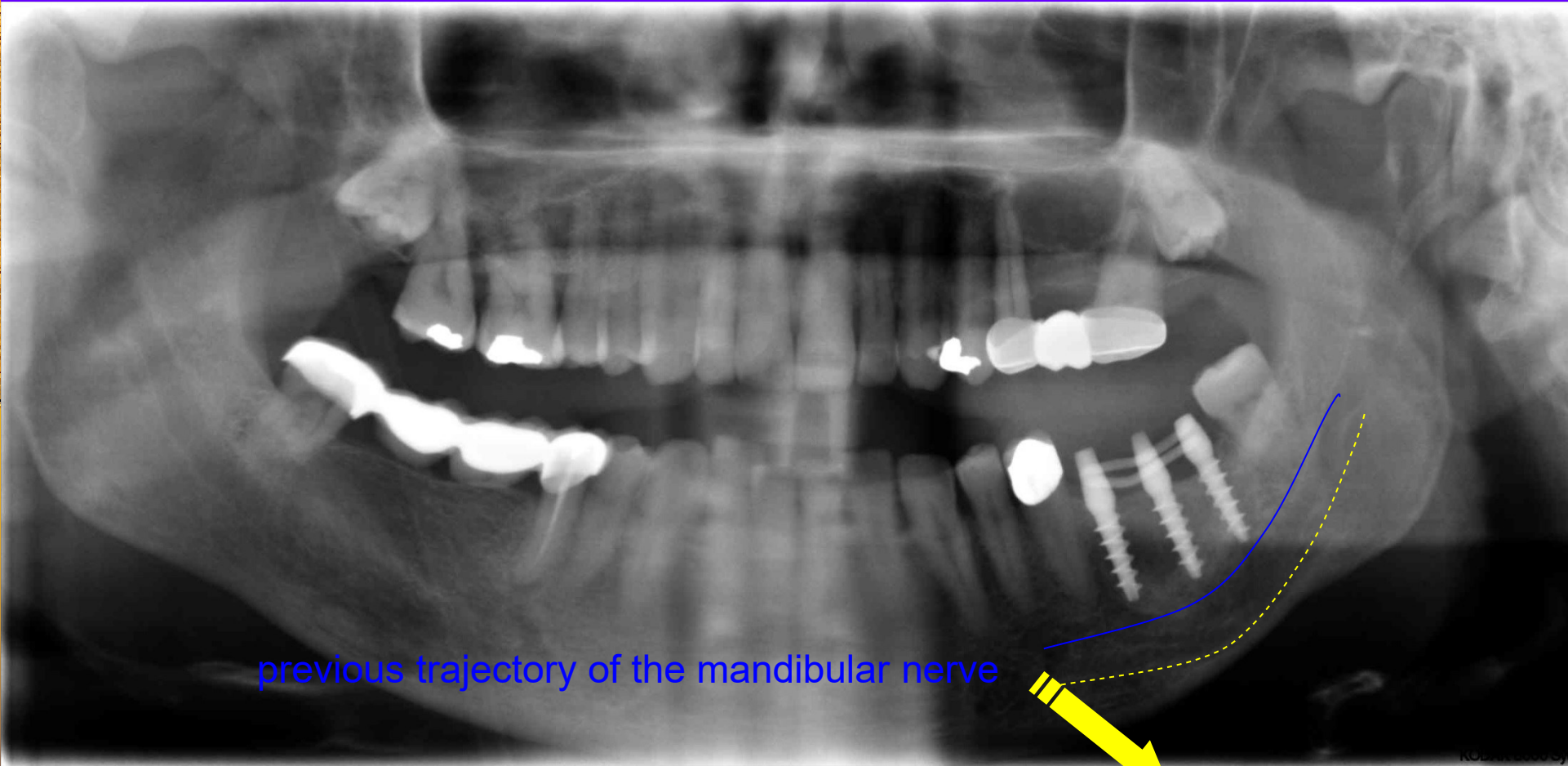


- Bone core – histology at 120 Days
Histology by Prof E. Daniele Pathology Department,
University of Palermo



Regular trabecular structure in sponge bone (hematoxylin and eosin 50x)

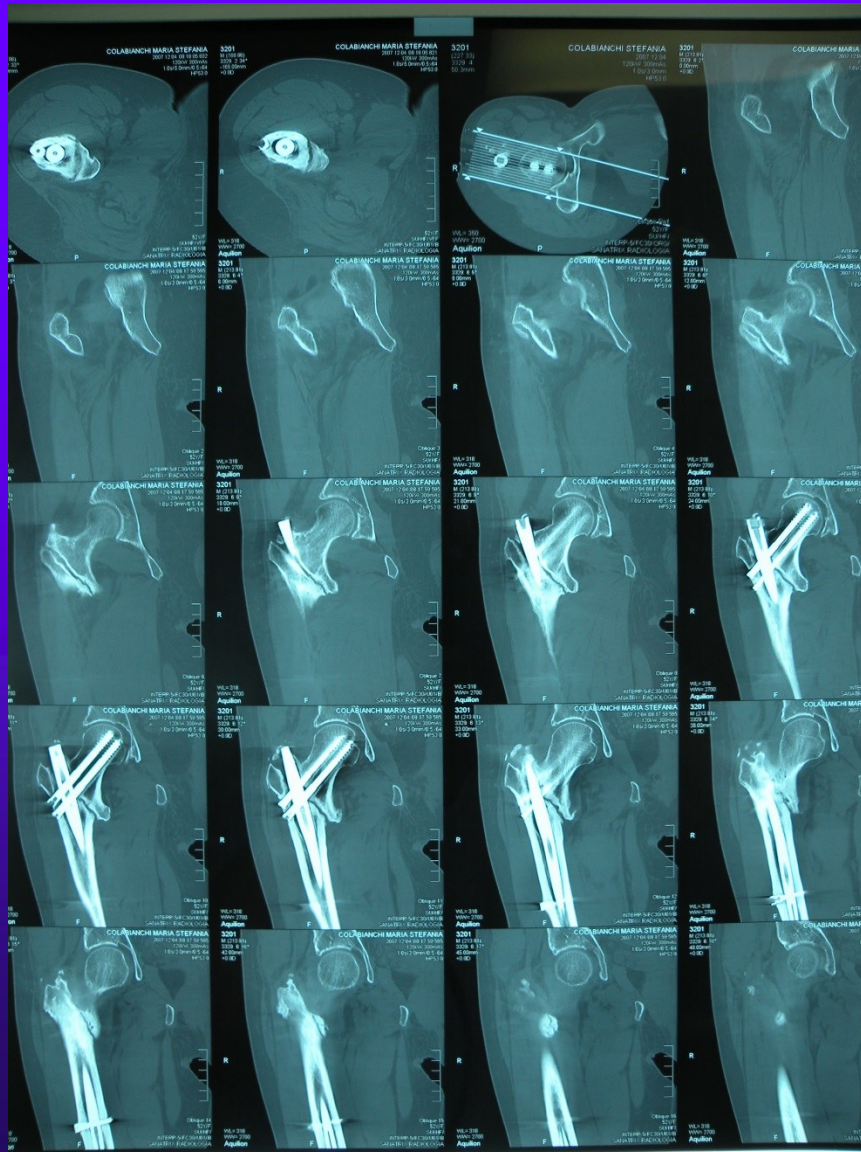
Complete Repair Neo-osteomorphogenesis



Implants - 120 days later

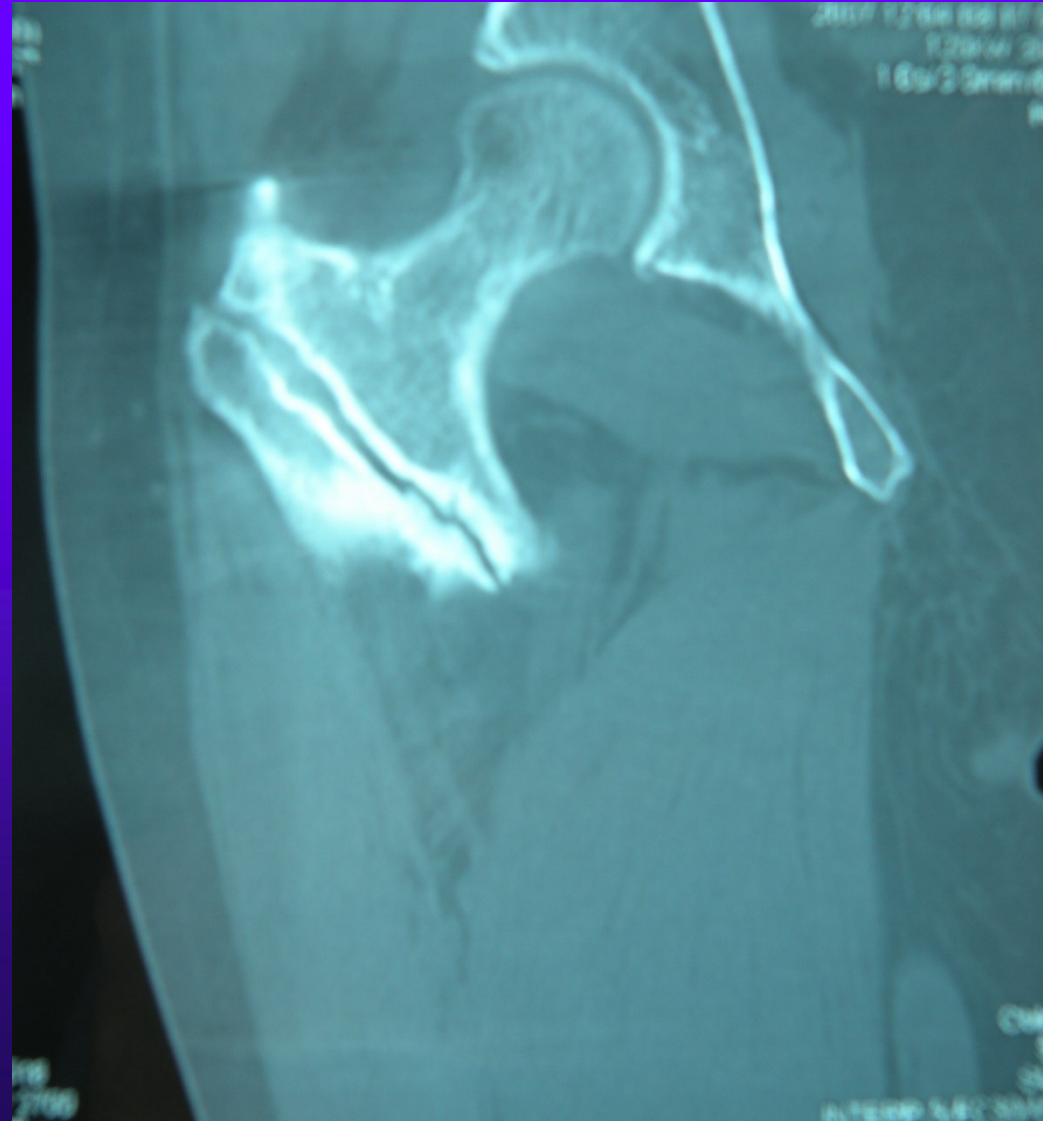
A new position of mandibular channel
reconstituted in the low edge of bone healing zone

Pseudoarthrosis



Treatment of a
pseudoarthrosis by CMF
Regenerative Therapy
in a pertrochanteric
fracture after 54 month
from the injurie

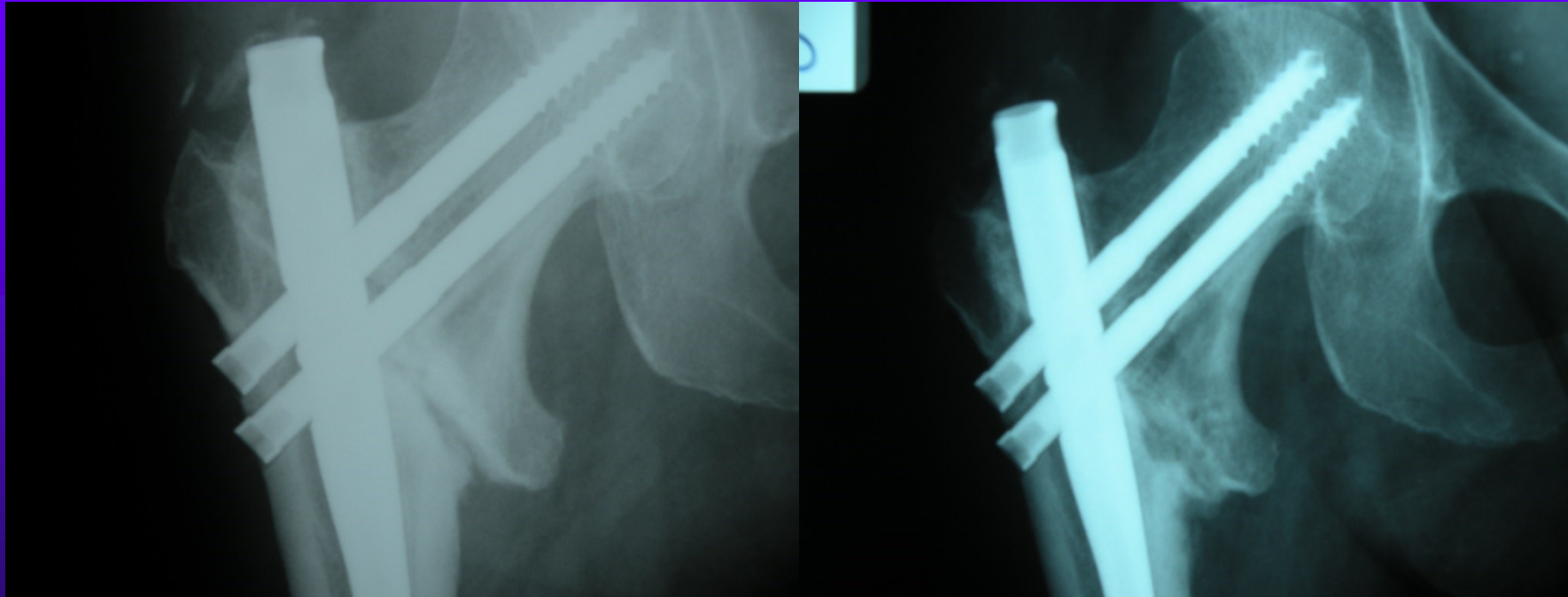
TAC



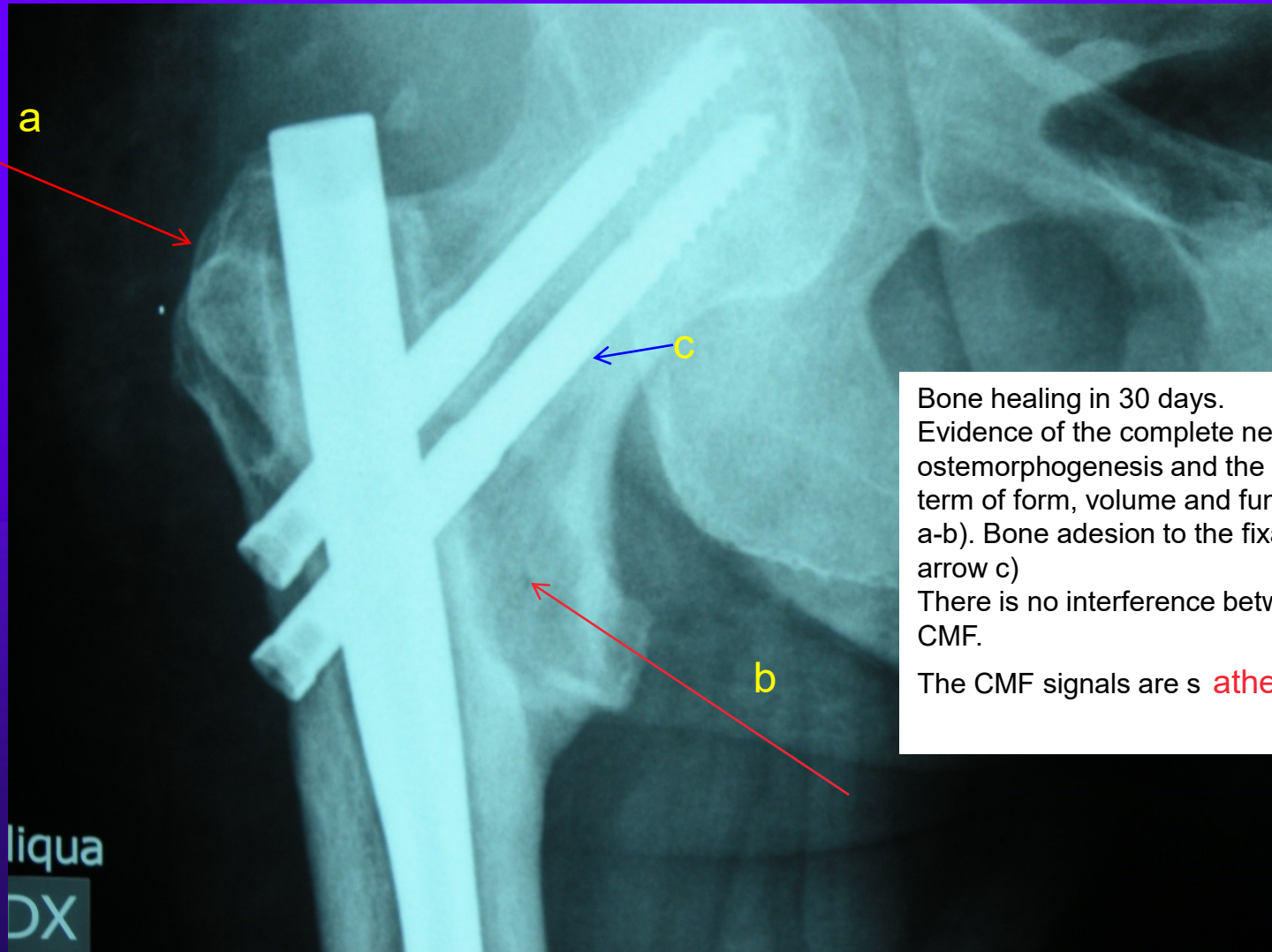
TAC detail immediately later the last bone graft



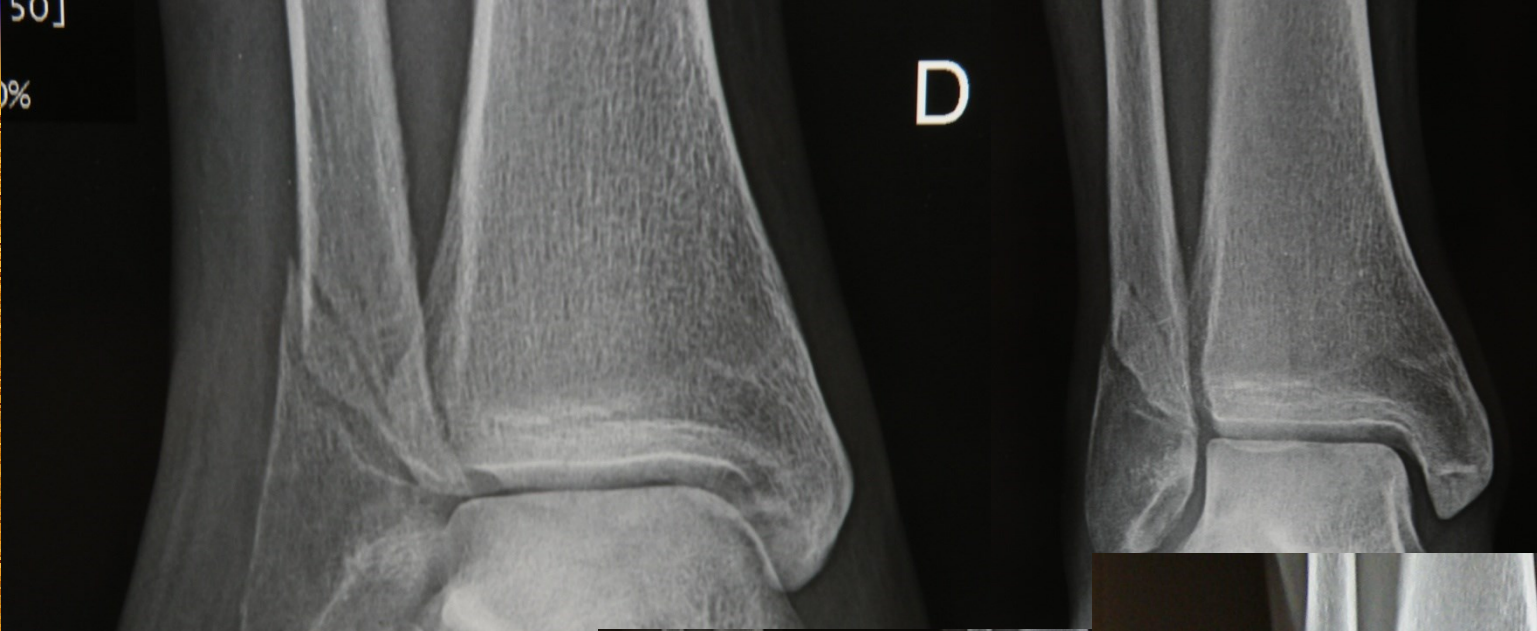
Two healing phases during
15 e 20 days by CMF therapy



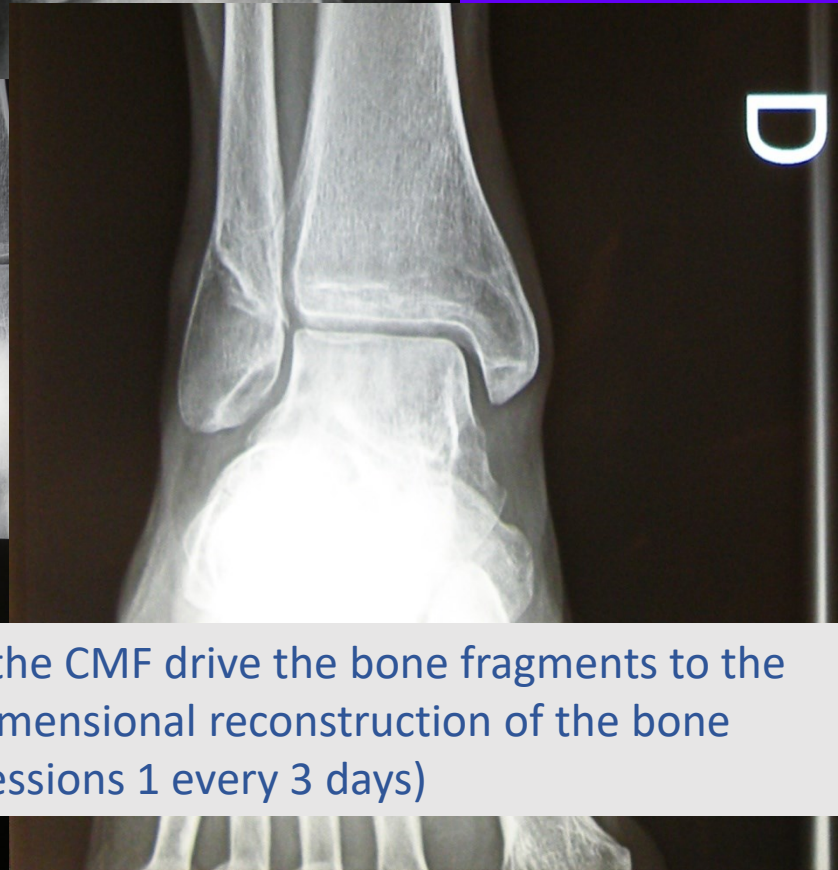
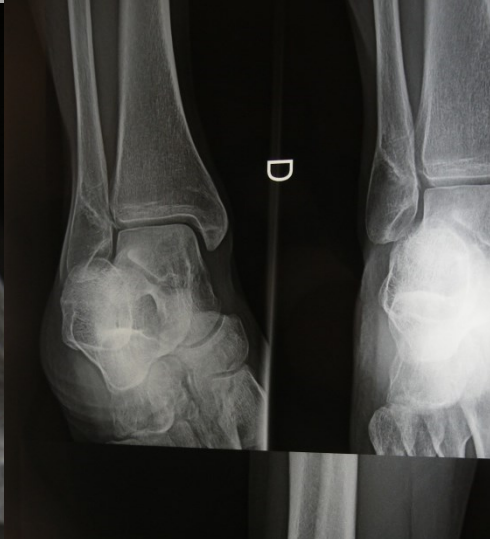
CMF-driven neo-osteomorphogenesis in 30 days



Bone healing in 30 days.
Evidence of the complete neo-osteomorphogenesis and the 3D reconstruction in term of form, volume and function (red arrows a-b). Bone adesion to the fixation screws (Blu arrow c)
There is no interference between metals ad CMF.
The CMF signals are s **athermal waves**



- Non-union fracture of fibula
The treatment started two months after the fracture.
- Bone healing in 30 days
The pain ceased after 1 week



It can be noted how the CMF drive the bone fragments to the physiological three-dimensional reconstruction of the bone within 30 days (10 sessions 1 every 3 days)

Lesione Bicipite Femorale



T1 = 12.03.2019



T2 = 14.03.2019



T3 = 16.03.2019



T4 = 18.03.2019



Lesione Bicipite Femorale



T1 =
12.03.2019



T5 =
22.03.2019

Distorsione di Caviglia

2 Trattamenti EDEMA - Tempo 38'



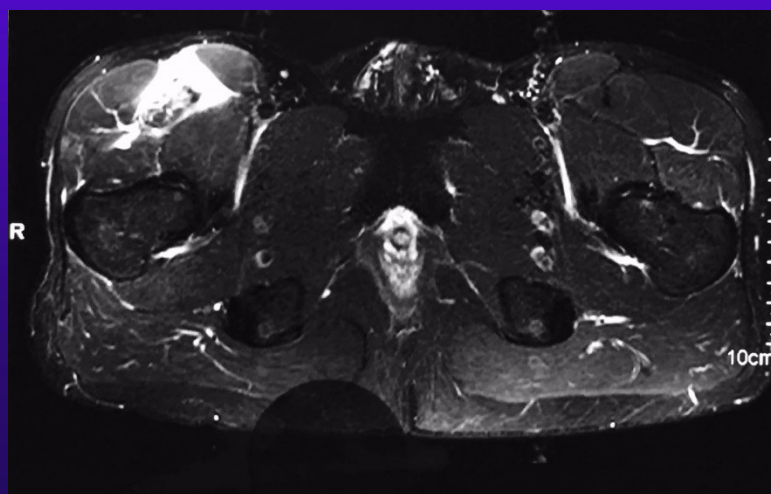
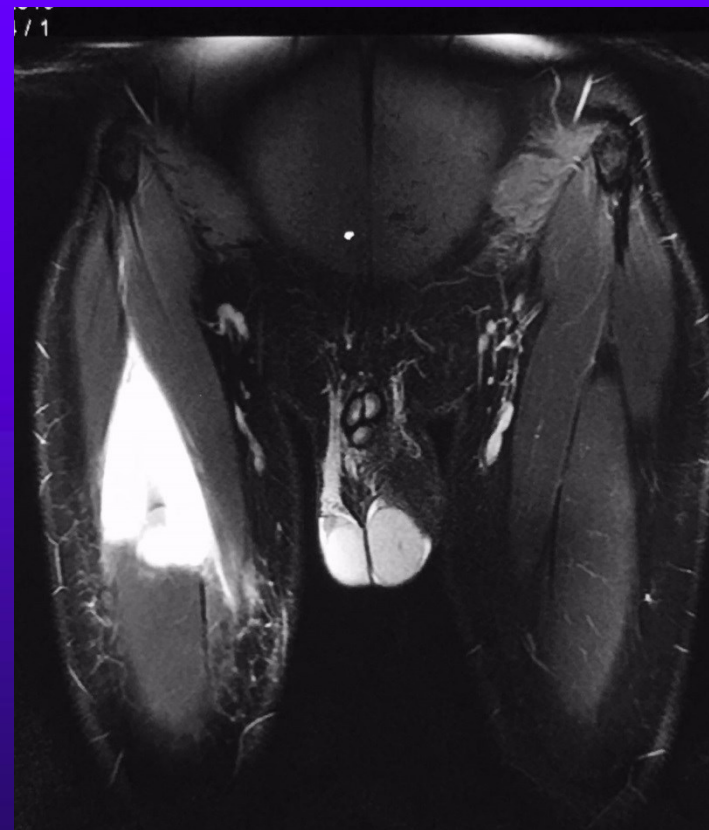


Lesioni Muscolari

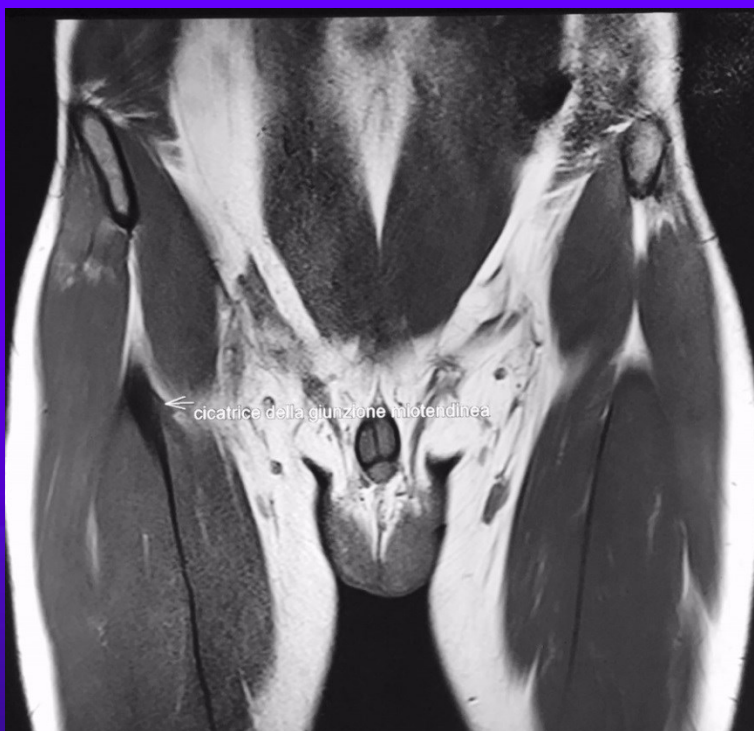
Caso 1: Paziente uomo anni 25 sportivo



***PRIMA del
Trattamento***



Caso 1: Paziente uomo, anni 25, sportivo amatoriale



***DOPO TRATTAMENTO
CMF***





DIAGNOSI

- ◆ Lesione traumatica del retto femorale dx con interessamento del tendine della giunzione miotendinea. In bianco si notano le lesioni. Nel taglio intermedio si vede bene il diffuso versamento ematico in tutto il ventre muscolare.



POST TRATTAMENTO

- ◆ Il controllo a due mesi di distanza dal trauma dimostra la completa risoluzione del versamento siero-ematico, il completo ripristino del tessuto muscolare seppur con ipotrofia del retto femorale non uso e la modesta reazione di ispessimento fibro-cicatriziale del tendine. Il paziente giocatore di pallone ha ripreso la sua attività sportiva a due mesi dal trauma.



PROTOCOLLO CMF USATO

- ◆ TOTALE SEDUTE N ° 15
- ◆ PRIME 5 SEDUTE TUTTI I GIORNI EDEMA + ANTINFI + ALTERNANDO DOLORE E RIGENERAZIONE MUSCOLARE
- ◆ ALTRE 10 SEDUTE TRE VOLTE A SETTIMANA: EDEMA + ANTINFI + RIGENERAZIONE MUSCOLARE
- ◆ DOPO PRIMA SETTIMANA EDEMA SCOMPARSO ALLA VISTA E DOLORE MIGLIORATO NOTEVOLMENTE
- ◆ PAZIENTE MOLTO SODDISFATTO SIA DURANTE IL TRATTAMENTO, PER RIDUZIONE SENSIBILE DEL DOLORE E SOPRATTUTTO AL CONTROLLO DIAGNOSTICO VISTA ANCHE LA REAZIONE POSITIVA DEGLI SPECIALISTI

Casi seguiti dal Dott. Massimo Mariani «Ortopedico» e
Dott. Fausto Guido « Fisioterapista » Roma

4, M, 29Y

274
3

M/D/S2D/FSM3_3

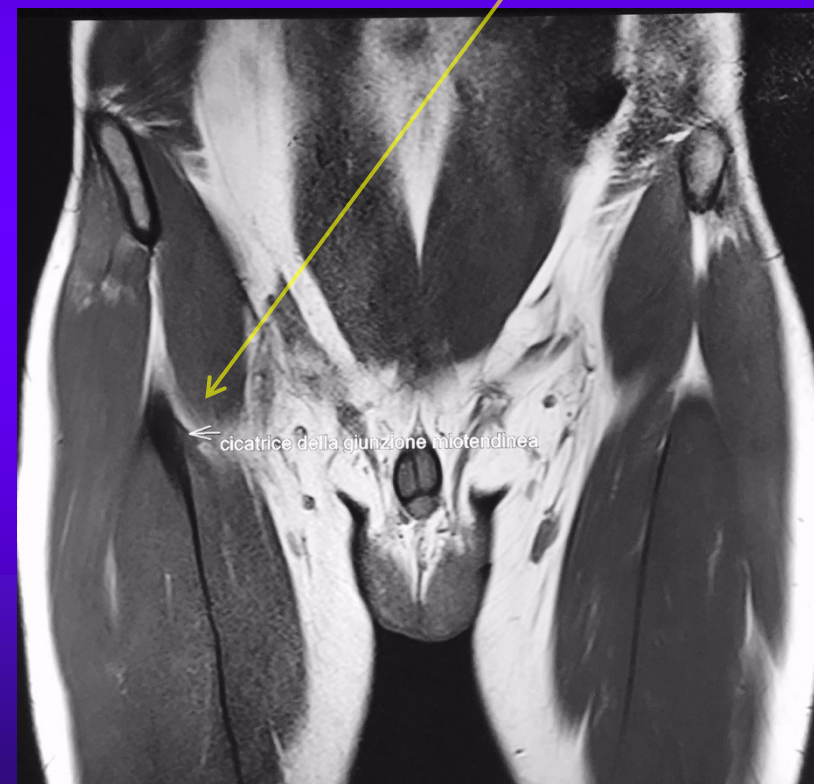
4-7
/ 150

Prima



**ISPESSIMENTO CICATRIZIALE
DEL TENDINE DEL RETTO FEMORALE**

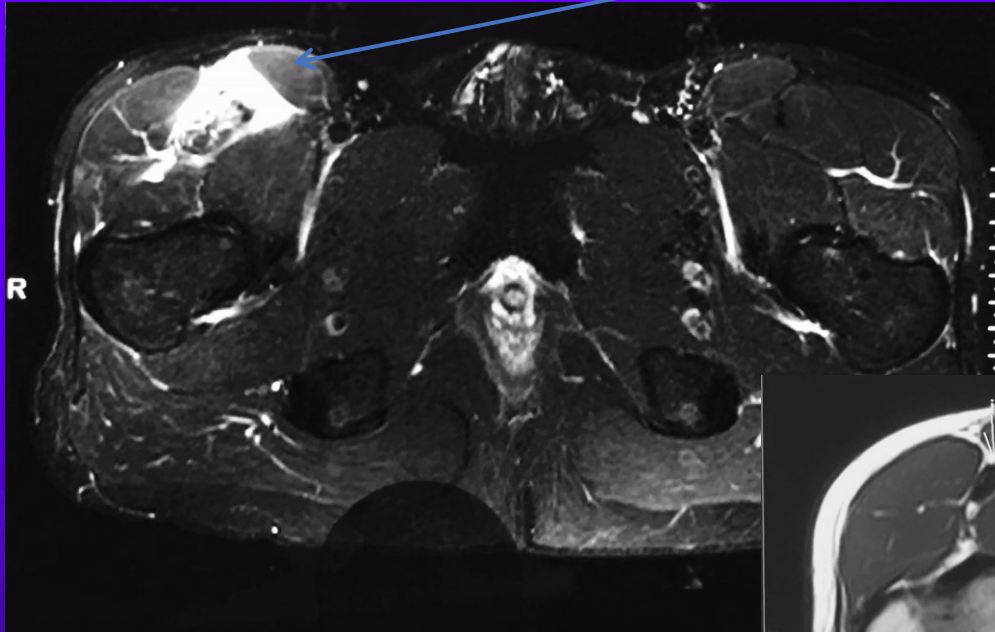
**CICATRICE DELLA GIUNZIONE
MIOTENDINEA**



Dopo

Caso 1: Paziente uomo anni 25 sportivo amatoriale

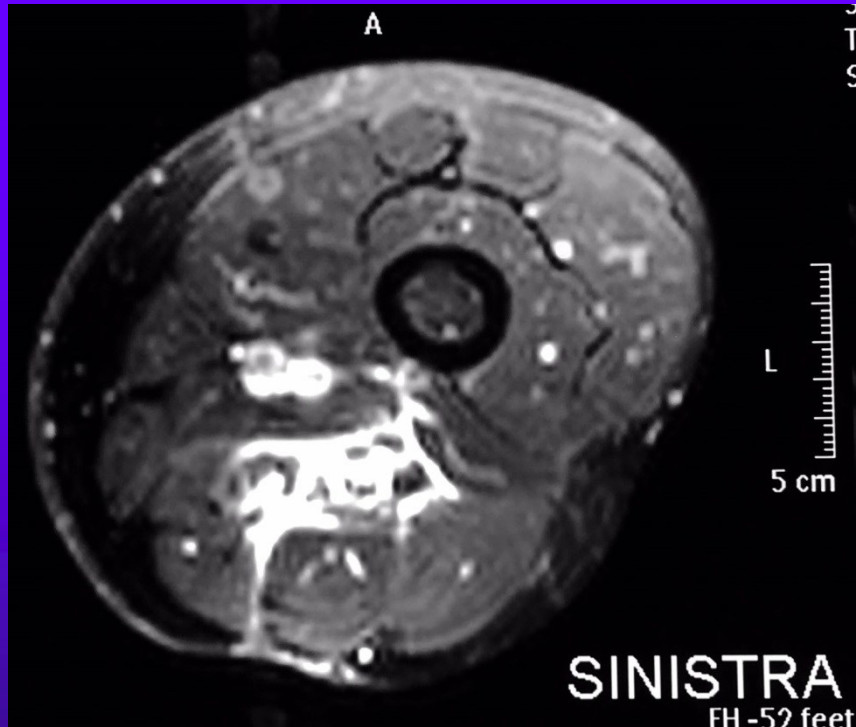
Diffuso versamento ematico in tutto il ventre muscolare.



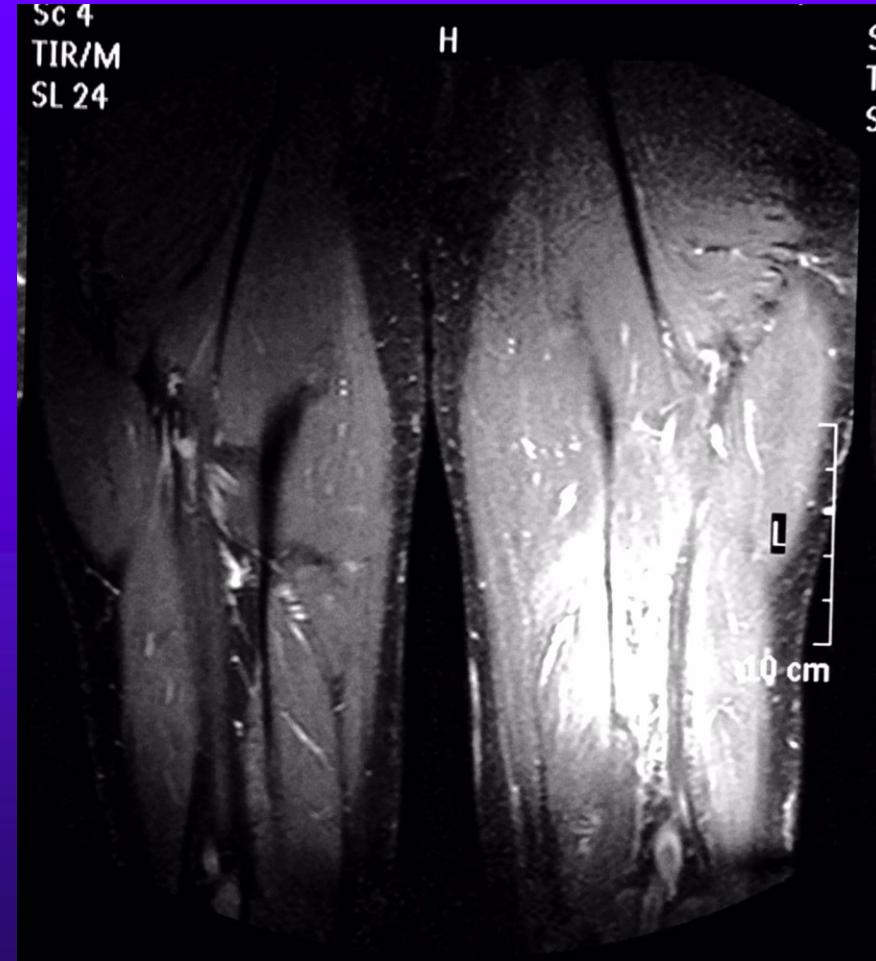
Completa risoluzione del versamento siero-ematico



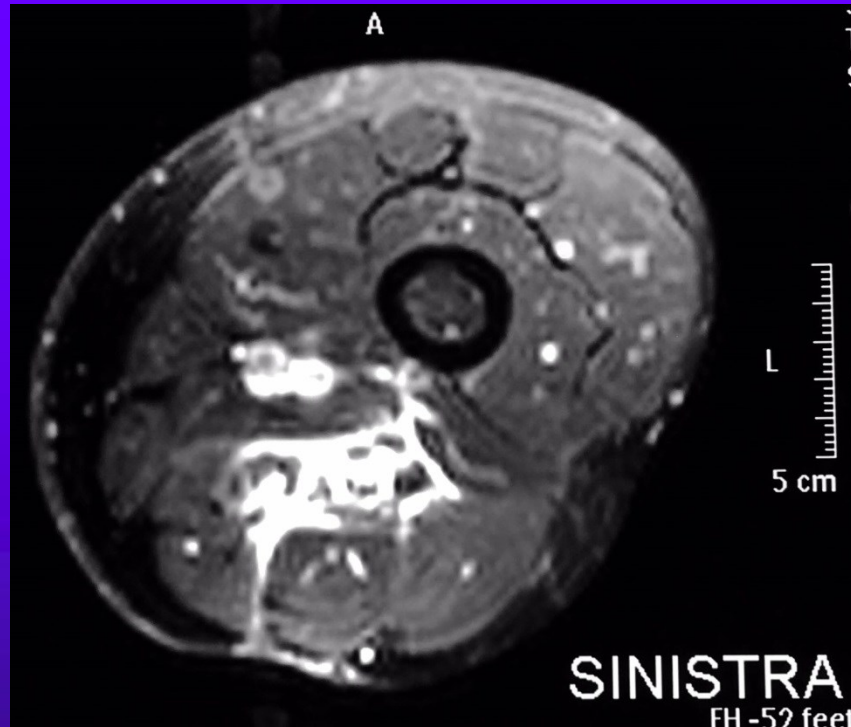
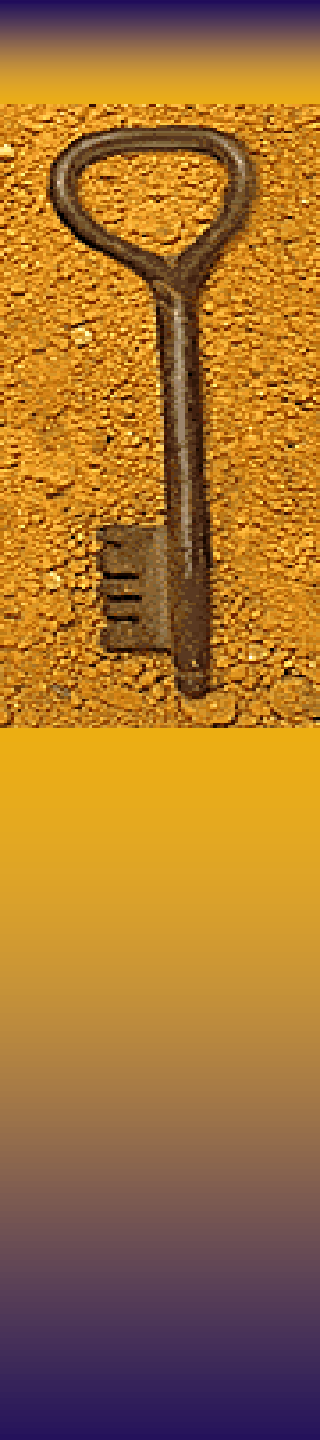
Caso 2: Paziente uomo, anni 67, sportivo amatoriale



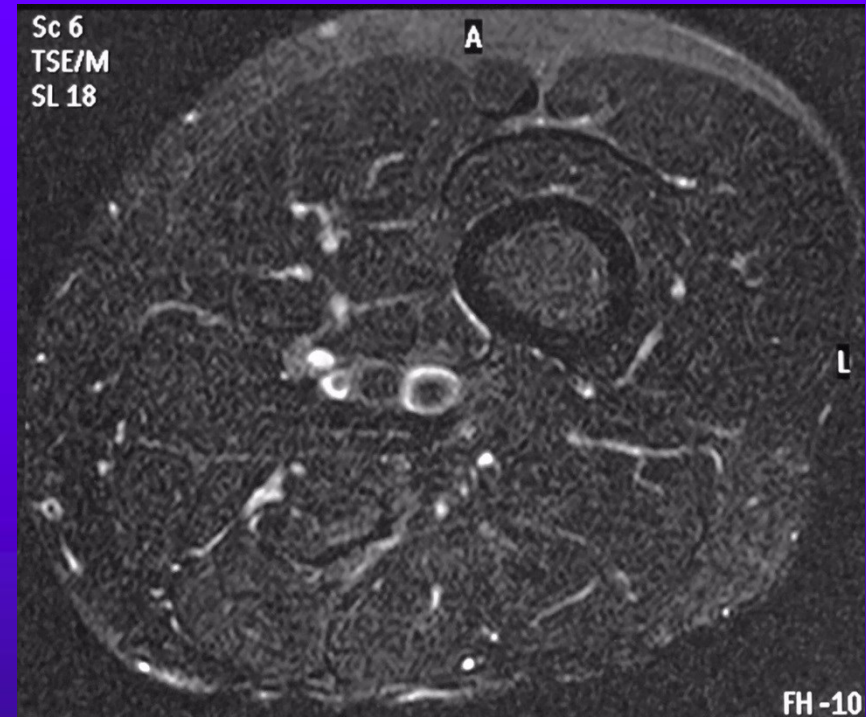
PRIMA



Caso 2: Paziente uomo, anni 67, sportivo amatoriale



PRIMA



DOPO

I CAMPI MAGNETICI COMPLESSI NELL DERMATOLOGIA CLINICA



Dott. Fabio Ginoprelli

Acne conglobata



60 gg di isotretionina per os + 20 sedute CMF

Acne conglobata



90 gg di isotretionina per os + 20 sedute CMF

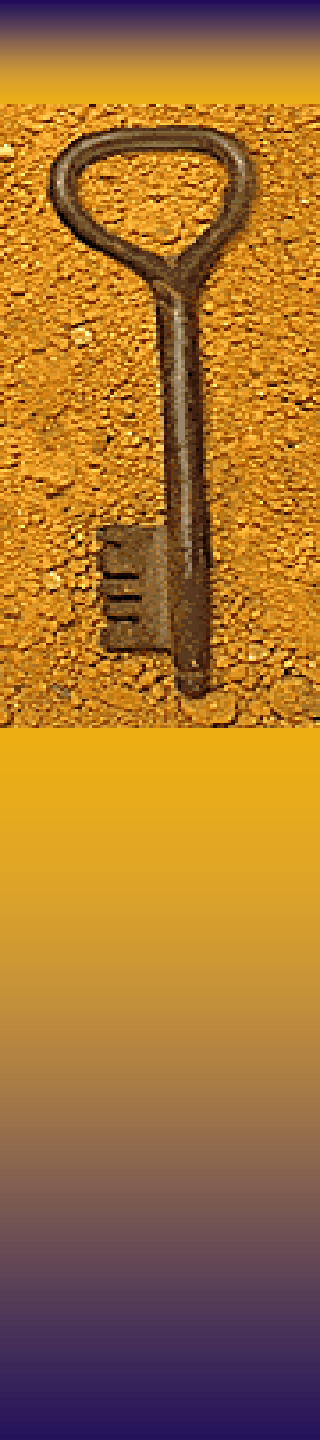


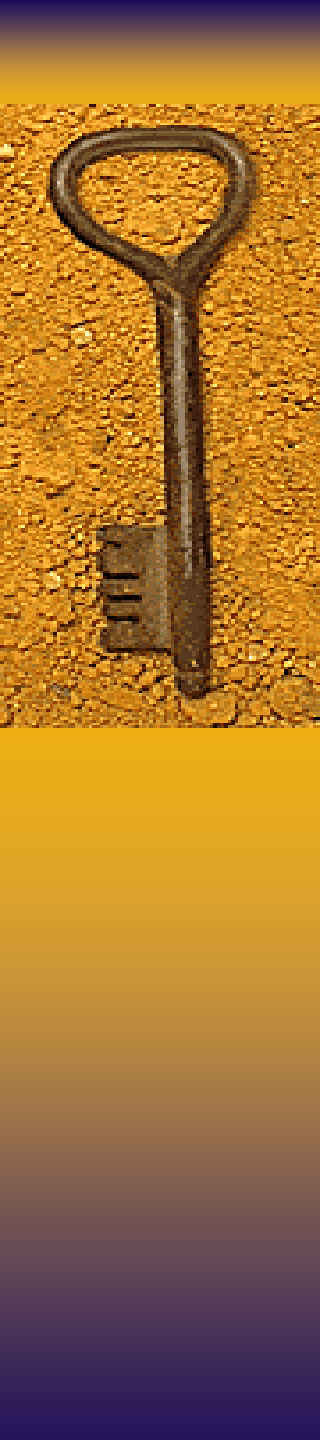
Psoriatic arthritis

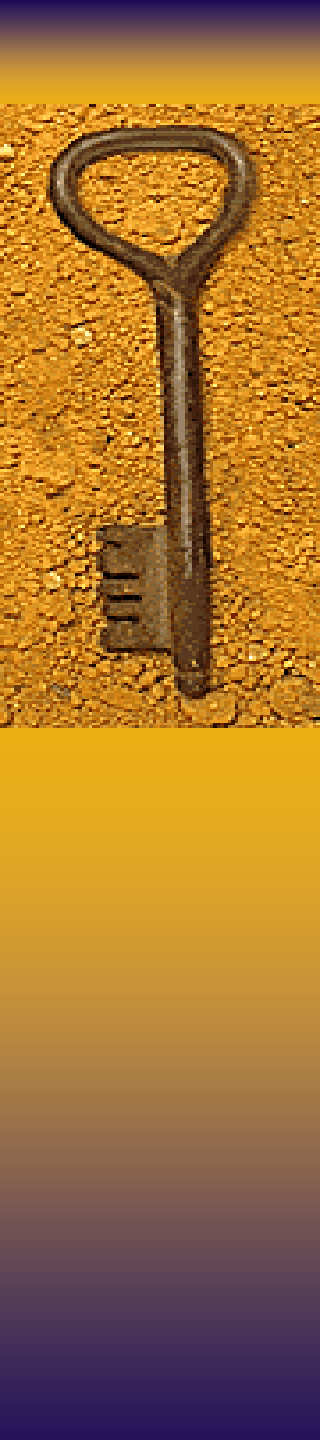
Rheumatic chronic autoimmune
inflammatory disease

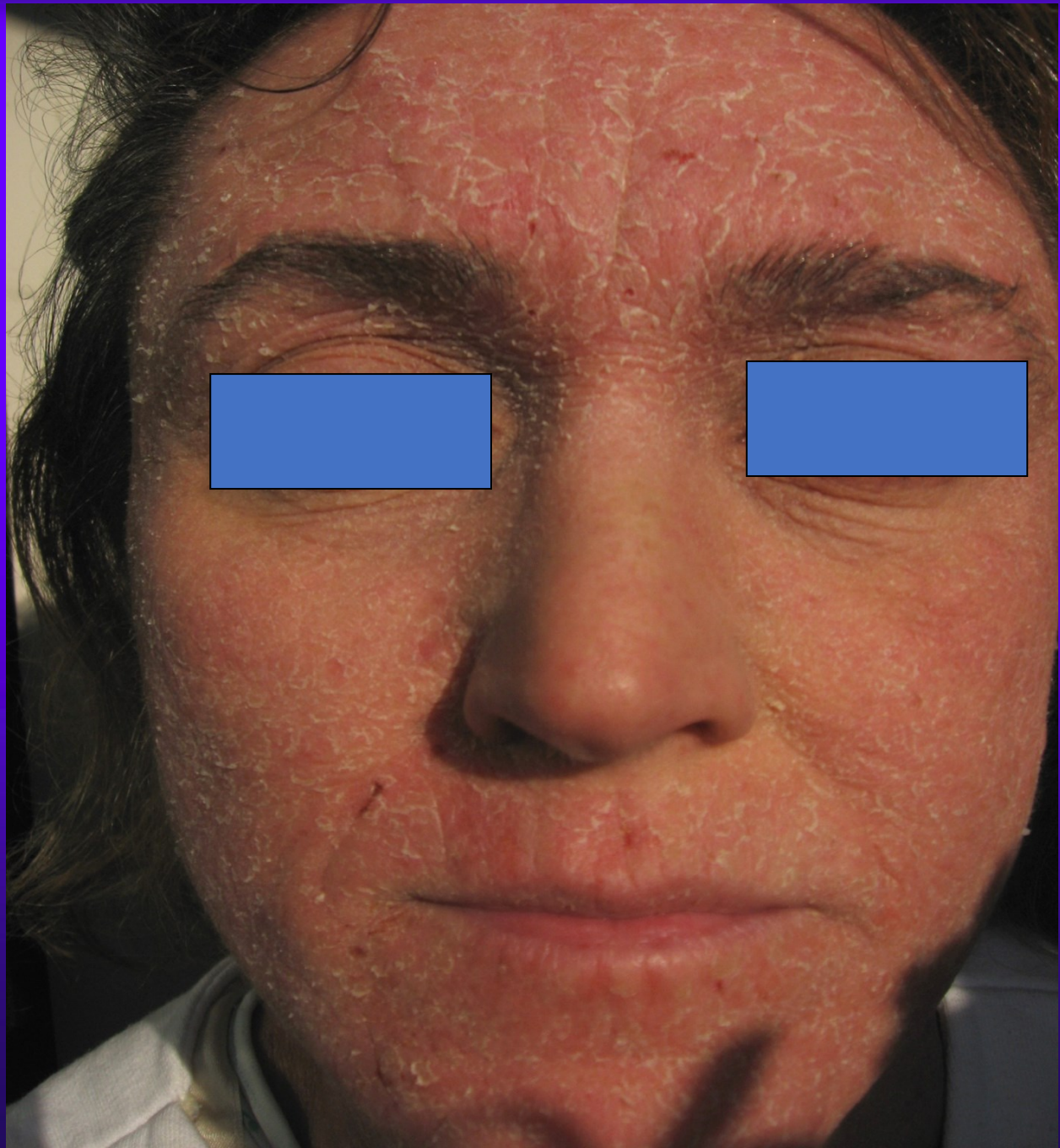
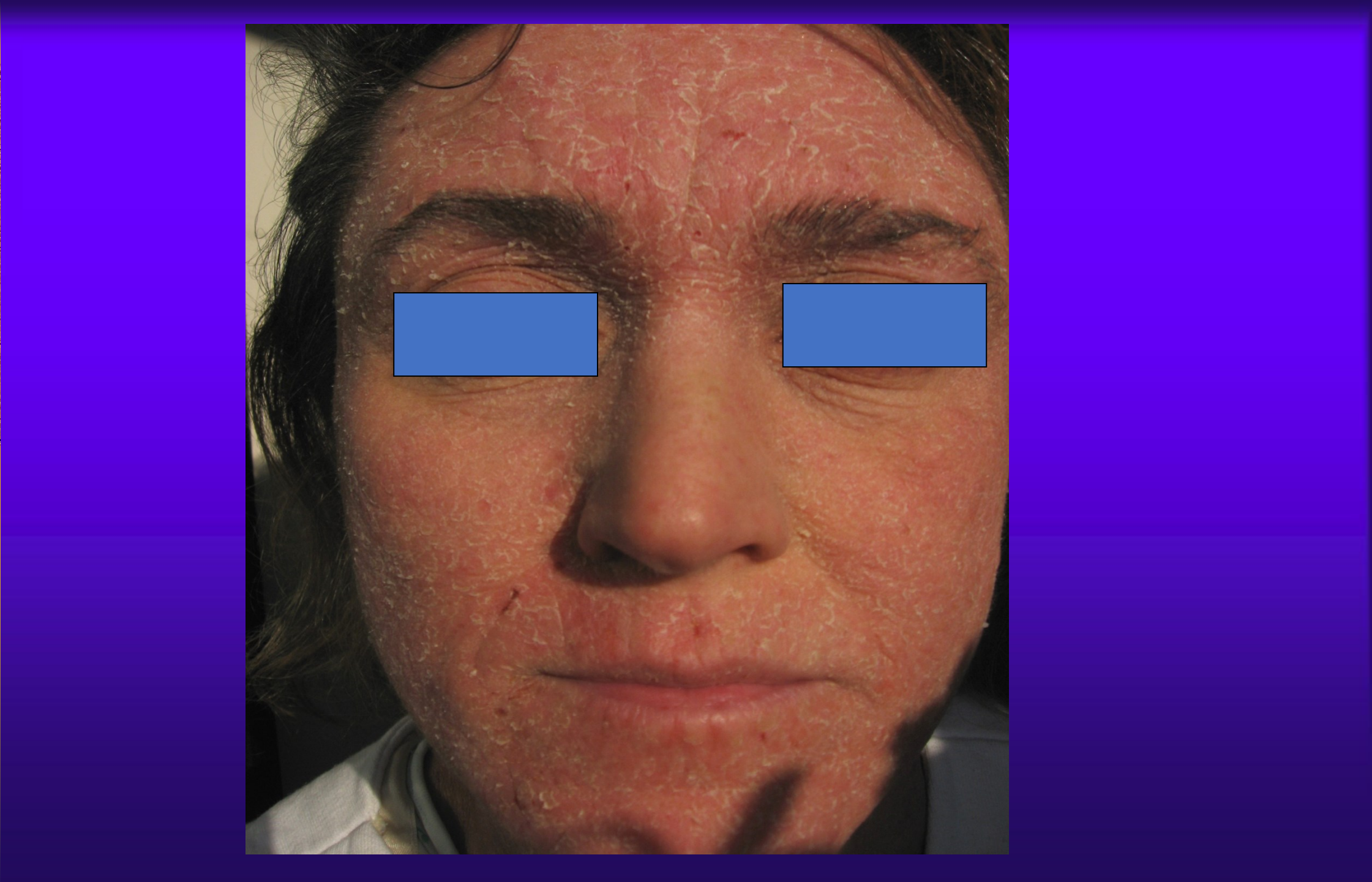
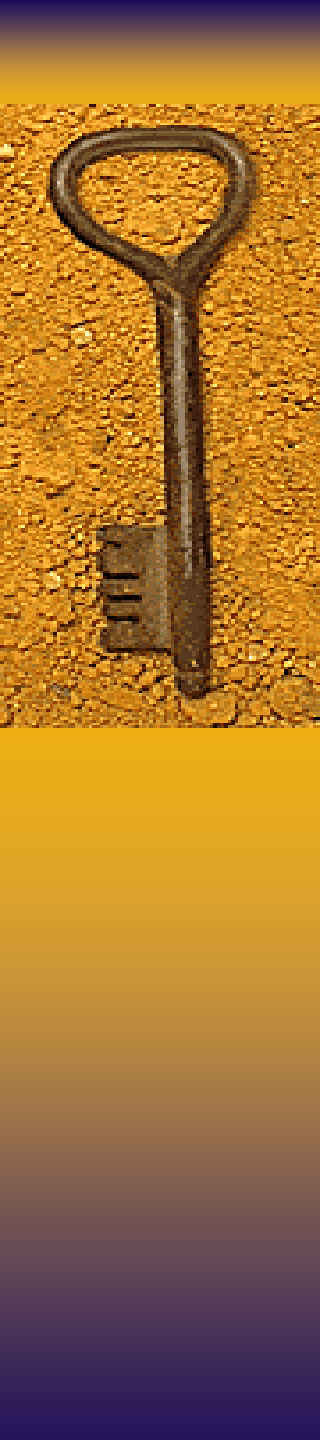
The evolutive phases of the disease

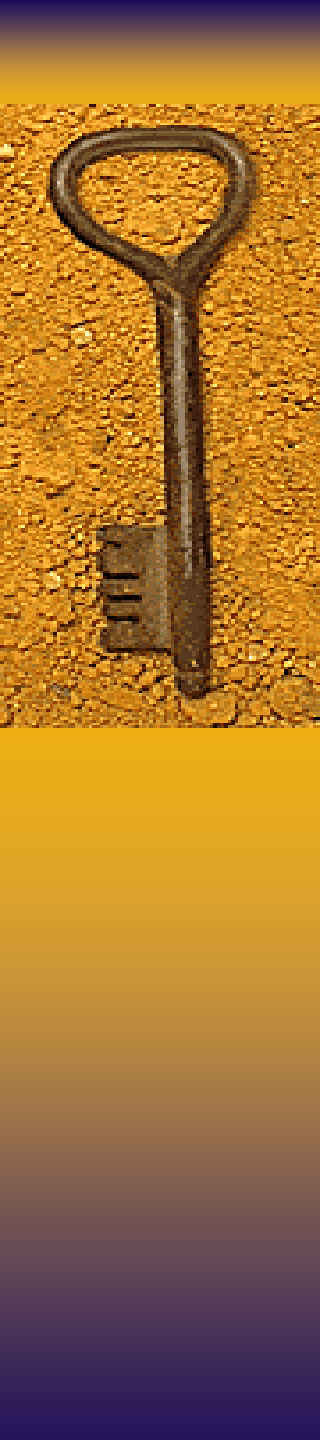


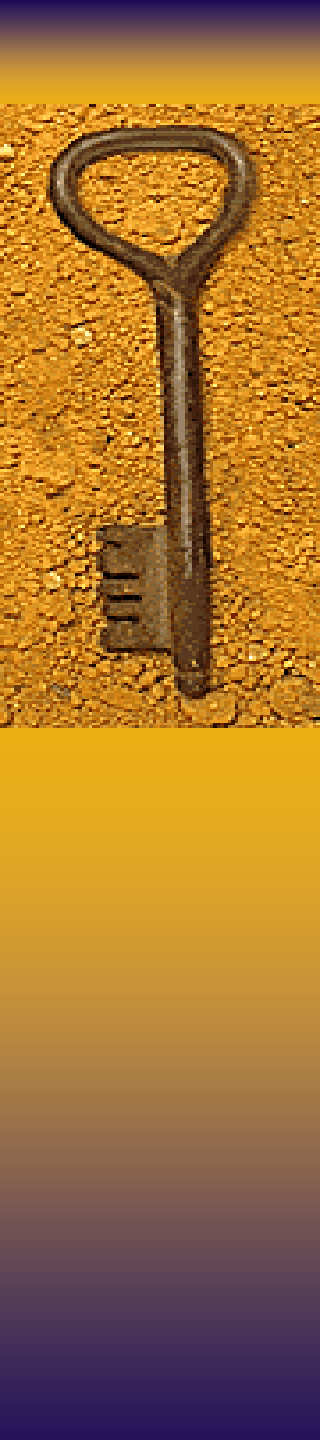


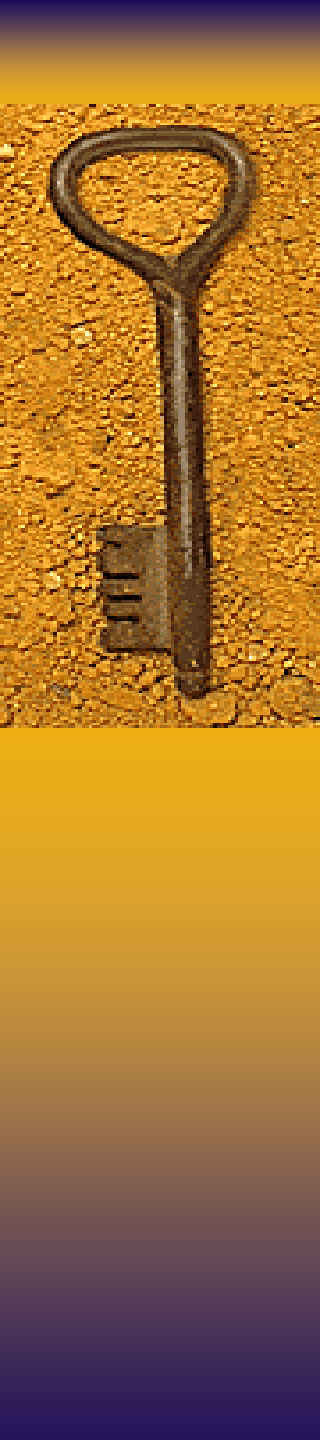


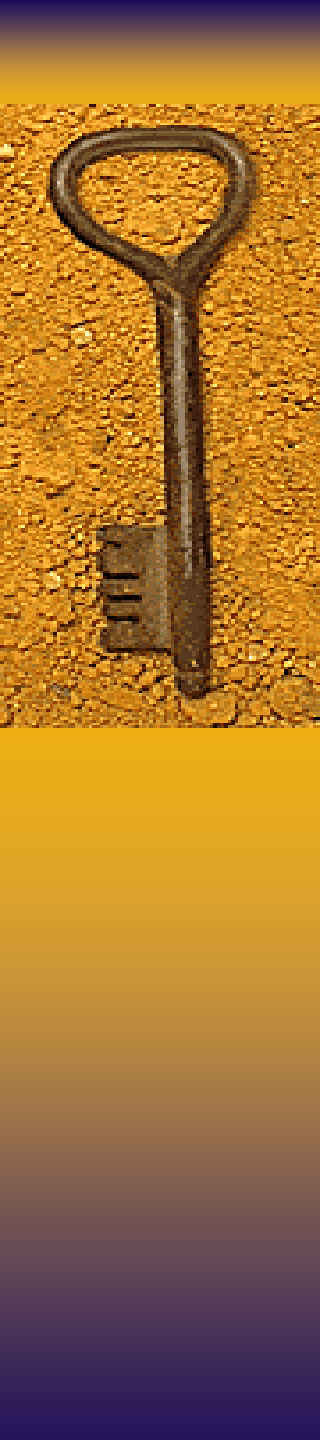


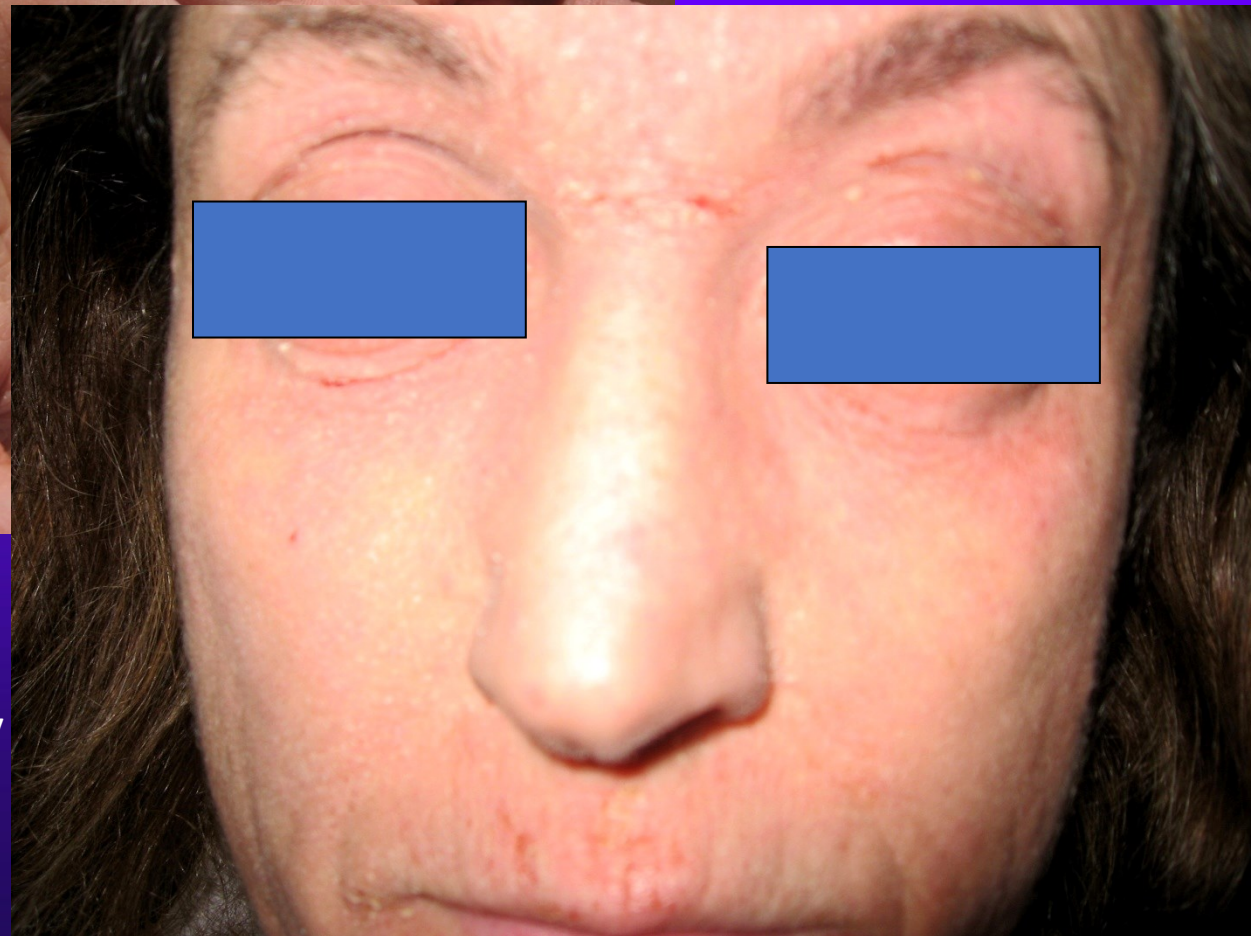
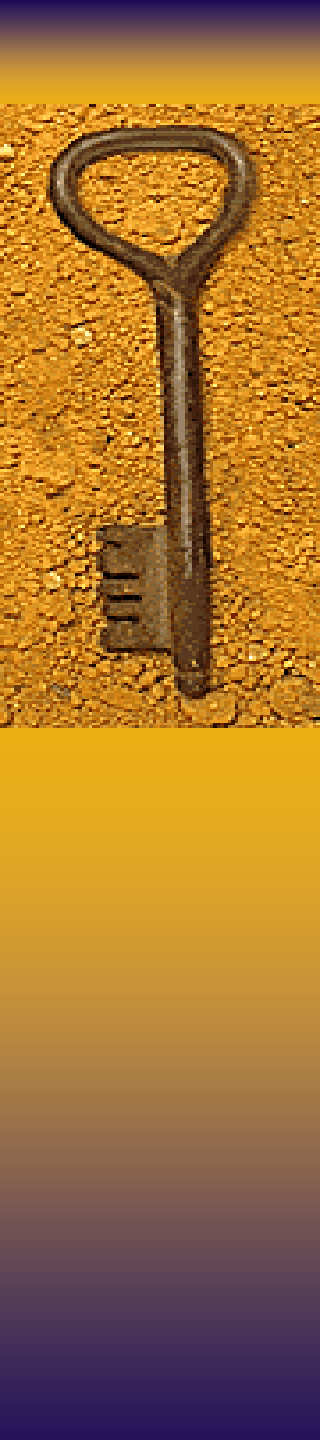








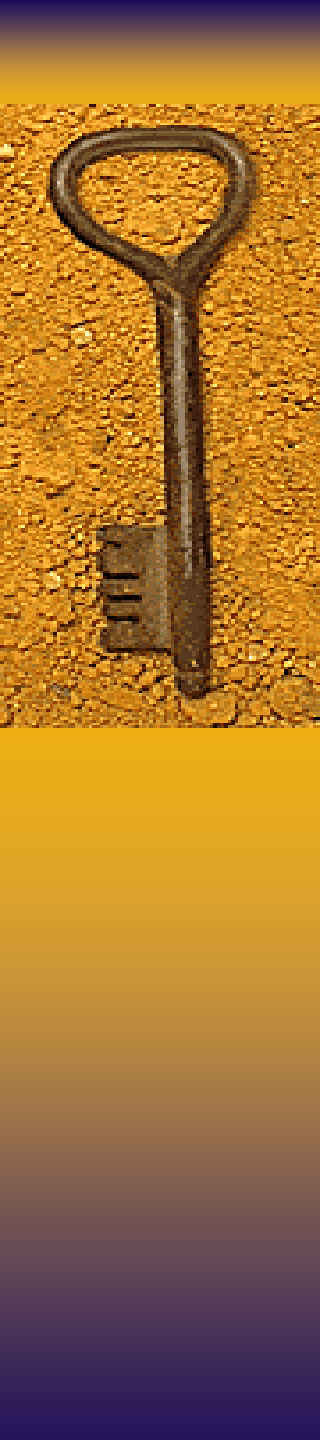




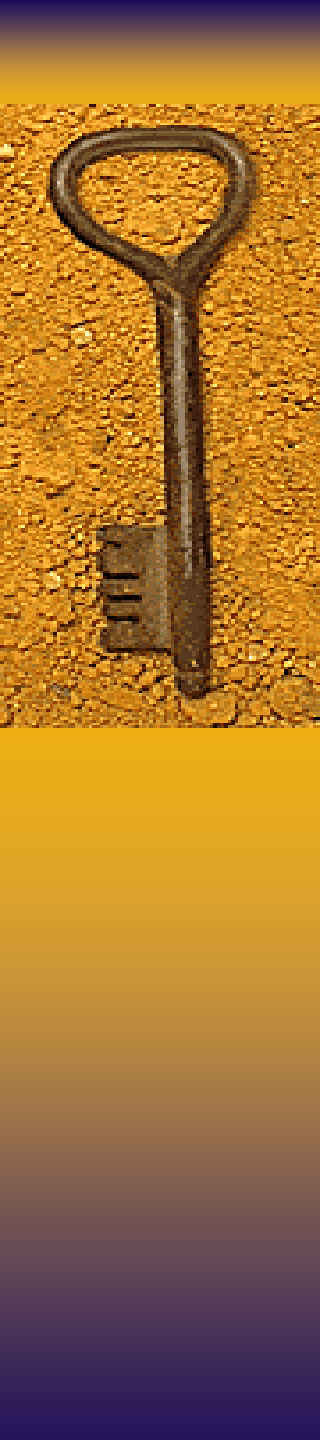
Initial conditions in which
it is administered CMF therapy

The result after 18 sessions of CMF Therapy (1 session every 3 days) tot. 54 Days

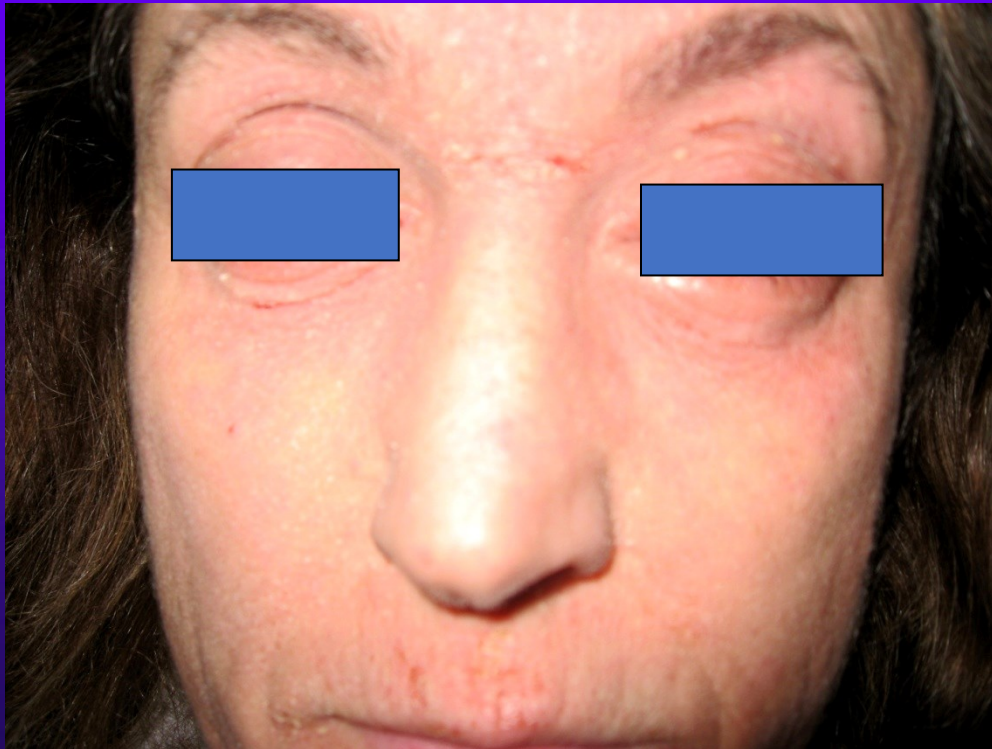








From beginning to end of treatment with CMF
not supported by drugs . Total Time 54 Days



Complicanze post-operatorie



10 sedute di CMF
Foto a dx
60 gg



Puntura di insetto di ndd



Immagine 20 gg

*5 gg di terapia
antibiotica e 7
sedute di CMF*

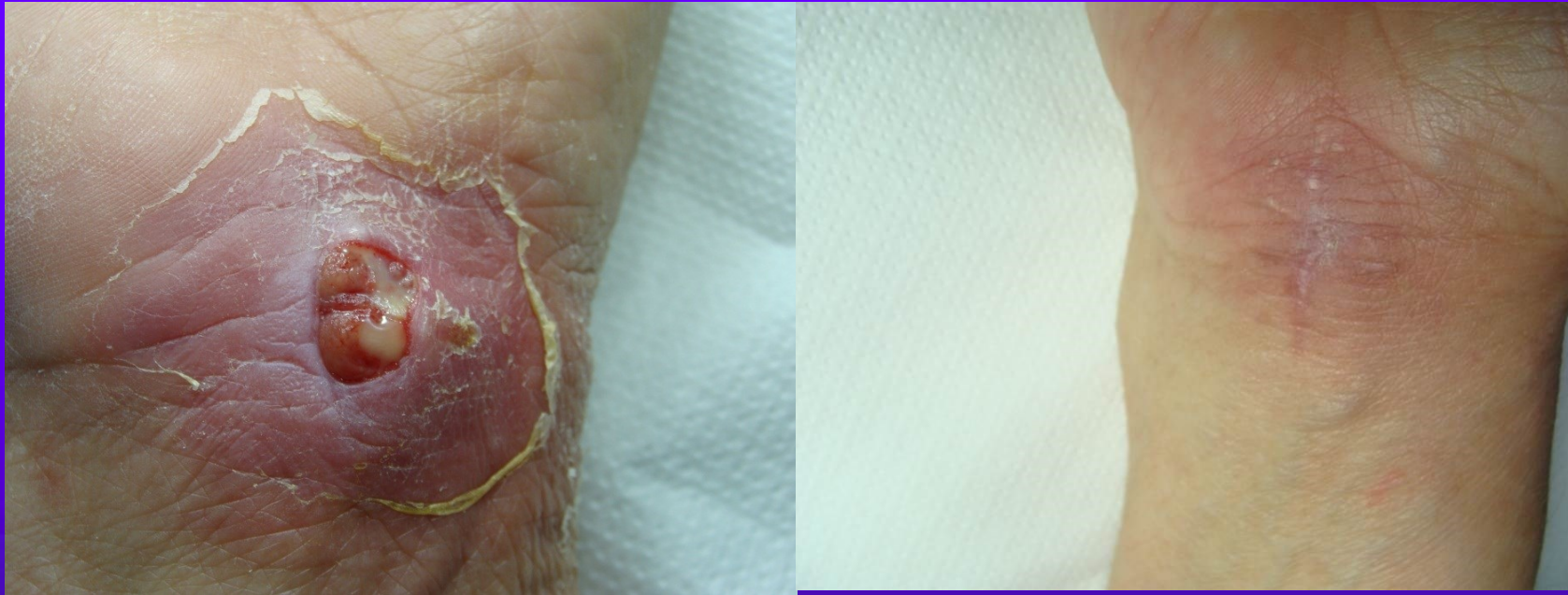
Puntura di Insetto di ndd



Risultato fotografico a 30 GG

5 gg di cetitriaxone e 7 sedute di CMF

Complicanza Post-Operatorie



Risultato fotografico a 20gg

5 gg di cefitriaxone + **5 sedute** di **CMF**