

JOINTS



pain, stiffness

- ▶ overload (sport, work)
- ▶ cartilage wear (age)



Tilman[®]

Plant based healthcare



Flexofytol[®]

2 actions from a single product

Anti-inflammatory Pain reduction

without side-effects

Flexofytol[®]

Protects cartilage

by inhibiting free radicals

- ▶ Active production of glutathione
- ▶ Reduces the level of nitric oxide



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Flexofytol[®]

unique, patented formula

- Exceptional **Solubility** and **biodisponibility**
- **1350** x more concentrated in the blood than native curcumin**
(1 capsule de Flexofytol[®] equates to 57 g of curcumin)

** Pharmacokinetic clinical study on 24 patients, A.T.C. Liège

1  =



Just 1 capsule of Flexofytol[®]
is as active as
950 g of curcuma !



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Flexofytol[®]

Pharmacological treatments

| | Pain | Inflammation | Cartilage | Adverse effects |
|-------------------------------|------|--------------|-----------|---|
| Flexofytol[®] | ✓✓✓ | ✓✓✓ | ✓✓✓ | |
| Glucosamine Chondroitin | | ✓ | ✓✓✓ | |
| Collagen type 2 | | ✓ | ✓✓✓ | |
| Paracetamol | ✓✓✓ | | | · Risk of hepatotoxicity |
| NSAID | ✓✓✓ | ✓✓✓ | | · Gastrointestinal lesions and bleeding · Cardiovascular risks (Cox-2 selective) |
| Corticoste- roids | ✓✓✓ | ✓✓✓ | | · Numerous side-effects |



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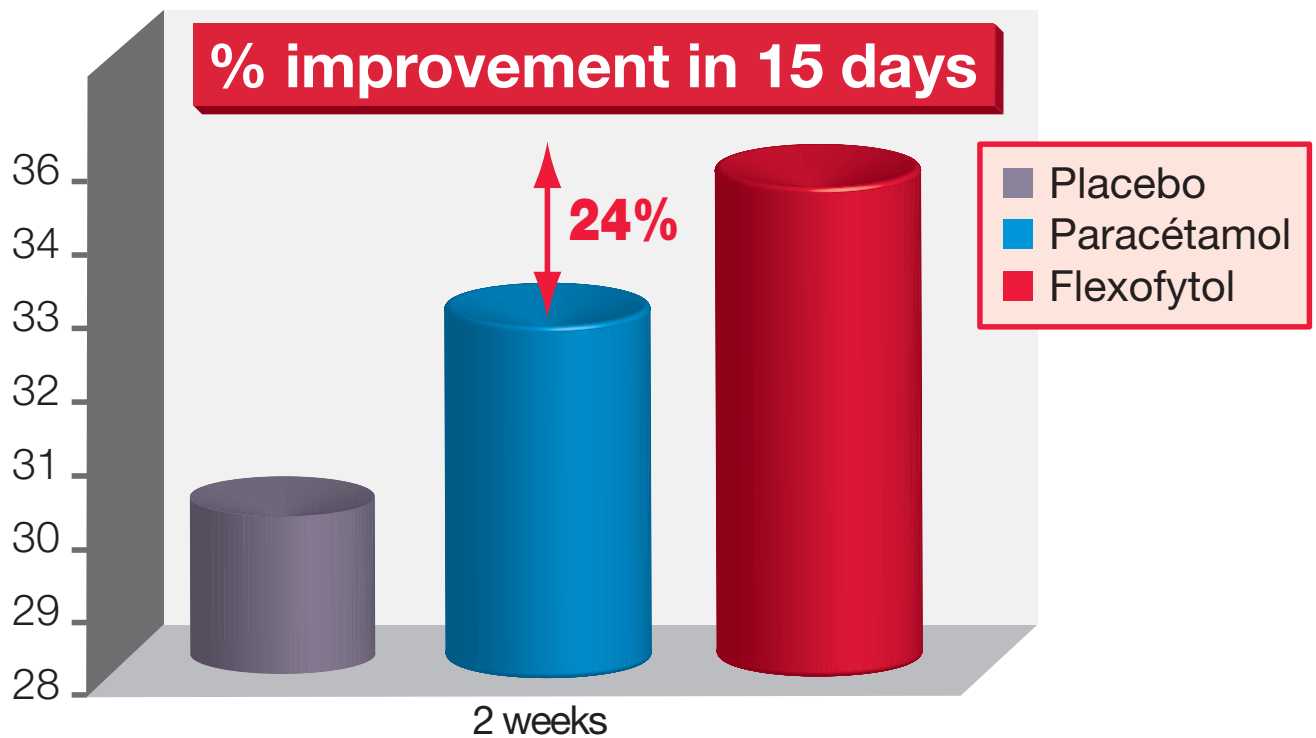


Flexofytol[®]

ARKOS study : study of acute pain linked to gonarthrose

Multicentric clinical study (France & Belgium),
randomised, double-blind, against placebo, 276 patients.
DOSAGE : **4 capsules Flexofytol / day**, follow by **15 days**
of treatment.

► Sub-group results



The Flexofytol[®]
group presents a **pain relief**
effect 24% better
than the paracetamol group.



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Clinical study of chronic pain linked to osteoarthritis of the knee

Clinical study, **1.213 patients**

Treatment : 4 capsules/day of Flexofytol[®] follow by 2 capsules/day

Period : 12 weeks

Evaluation criteria : visual scale of pain in mm

A responder is a patient who obtains an improvement of at least 20 mm on the visual scale of pain (MCII threshold)

► **Results after 3 months :**

The 1.213 patients obtained an **average pain reduction of 36 mm i.e. a reduction of 53%**

→ **87%** of the 1.213 patients are **RESPONDERS** and obtained an **average pain reduction of 41 mm i.e. 61% of positive evolution**



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Flexofytol[®]

Third generation anti-inflammatory

Advantages

► Double action :

- anti-inflammatory → analgesic
- protection of cartilage

► High level of long term safety :

no adverse effects, either gastro-intestinal, cardiovascular or renal

RECOMMENDATIONS

→ **Attack treatment**

2



morning and evening,
with or without meal

→ **Thereafter**

2



morning and evening,
with or without meal

Flexofytol[®] can be used year-round without interruption.

Precautions

Take medical advice
if used at the same time as
anti-coagulants, coumarin
or heparin



60 caps



180 caps



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Display ▶

▶ **Website :**
www.flexofytol.be



Leaflet ▶



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Flexofytol[®]

Clinical study

Professor Henrotin / december 2011

Clinical study over 3 months and **1.422 patients**

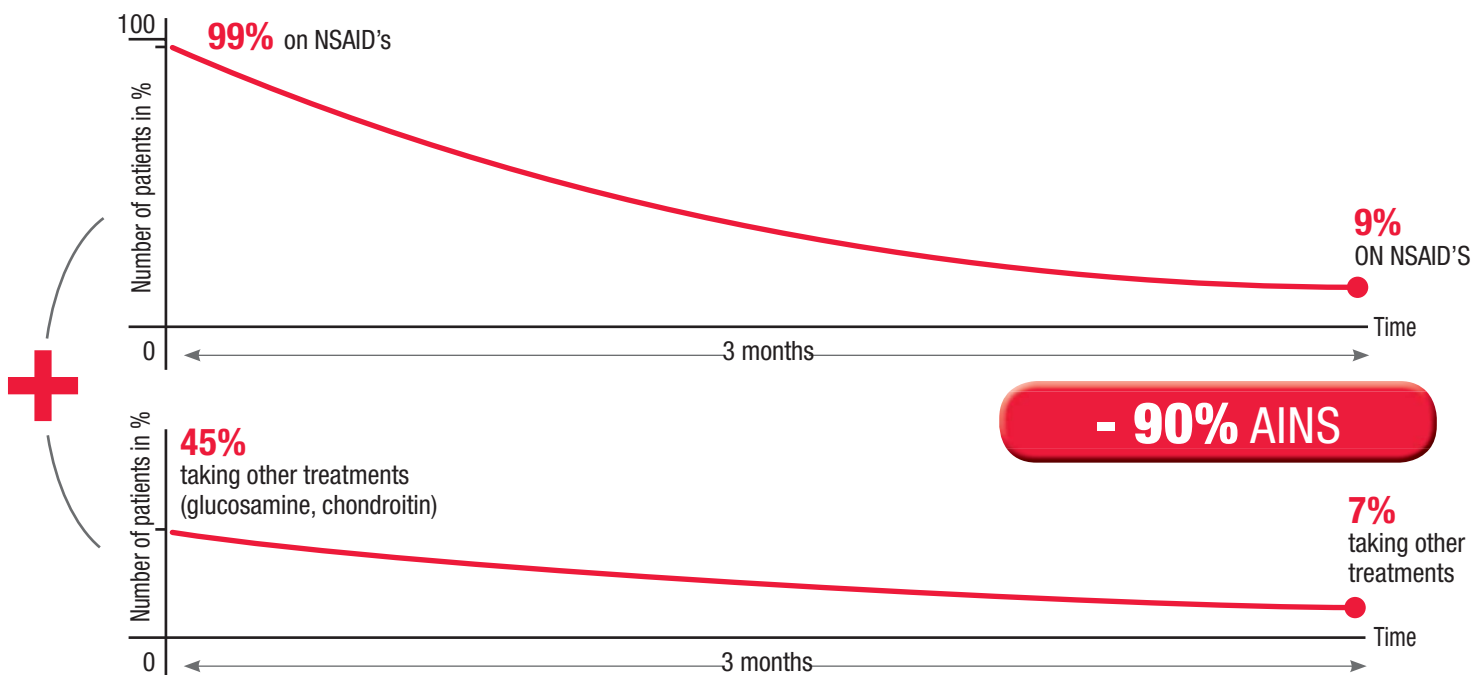
Treatment : 2 x 2 capsules/day Flexofytol[®]

► **Pain in the knee :**

- 47% ($P < 0.001$)

► **Sub-group**

arthritis of the knee : **1.077 polymedicated patients**



Flexofytol[®] + associated treatment :

paracetamol in 41% of patients (-19%)

→ **Arthritic knee pain**

- 48% ($P < 0.001$)

MCII threshold reached

83% of patients



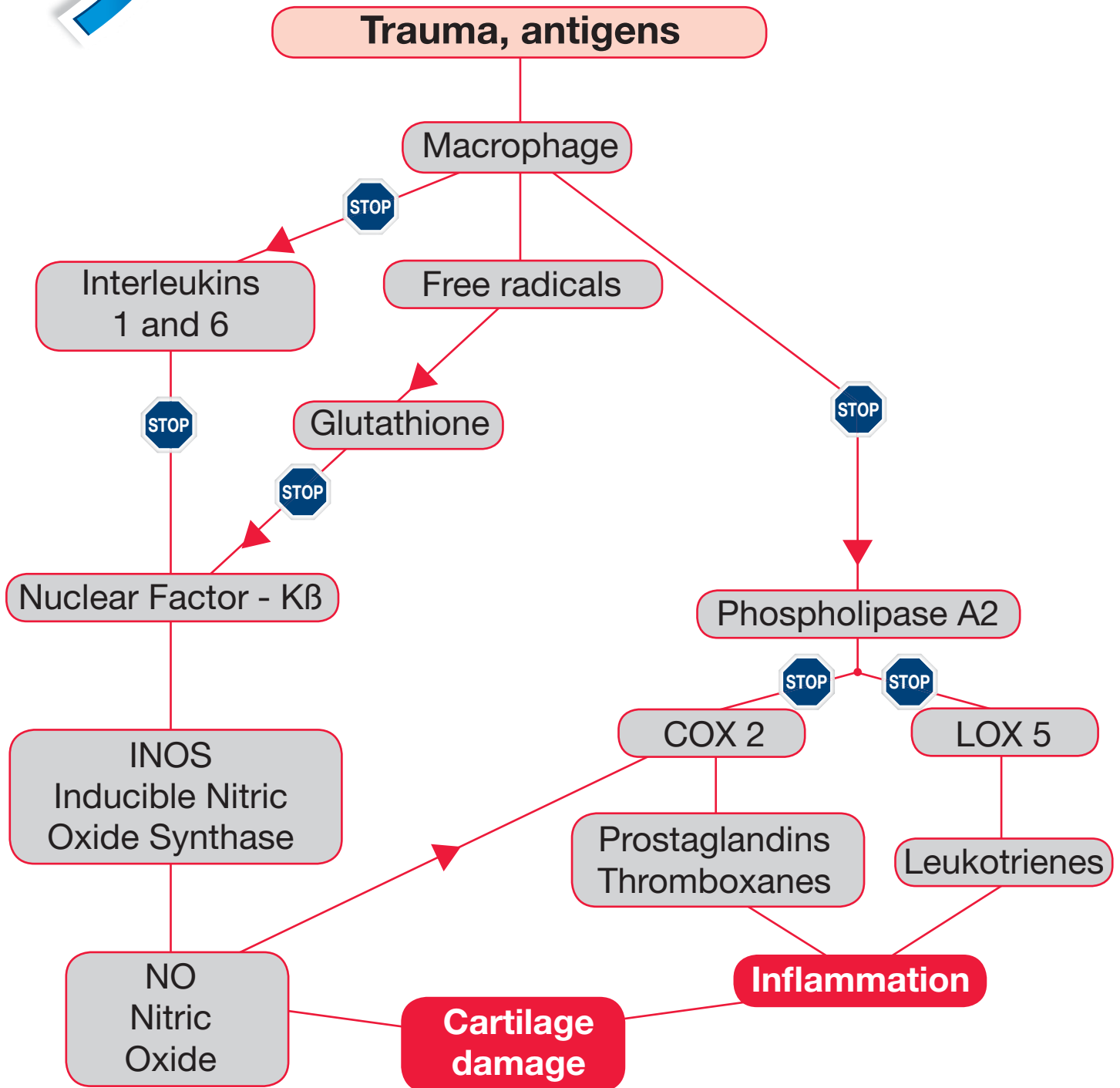
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Flexofytol[®]

Impact of curcumin on inflammation and cartilage



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Pharmacologically active dose \approx 5-10 μ mol
→ dose measured in blood with Flexofytol

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