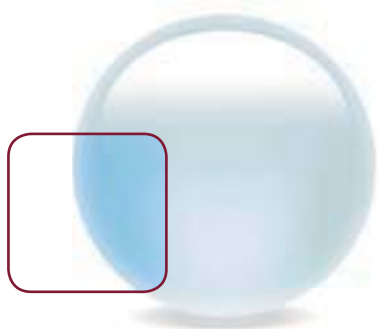


OXYPROLANE®



THE NUTRITION SUPPLEMENT
ESSENTIAL TO TISSUE REGENERATION
AND TO HEALING



CLINICALLY
TESTED

BIO-RECHERCHE
LABORATOIRES-PARIS

HEALING

A DYNAMIC AND COMPLEX PROCESS IN 3 SEQUENCES

1 Inflammation

- Intervention of polynuclears, macrophages, lymphocytes
- Detersion, vasodilation, Neoangiogenesis

2 Proliferation

- Influx of fibroblasts
- Deposit of collagen and elastin fibers
- Migration of keratinocytes from the wound egdes

3 Reshaping

- Replacement of collagen III by collagen I (80 % of skin layer)



LESION

Bacterial
Mechanical

INFLAMMATION

Polynuclears
Macrophages
Lymphocytes

MEDIATORS

Growth factors
Cytokines

FIBROBLASTS

SYNTHESIS OF
PROTEOGLYCANES
OF WHICH
HYALURONIC ACID

COLLAGEN
AND
ELASTIN
SYNTHESIS

REPAIR OF THE MATRIX

RESHAPING

REGENERATION
OF THE
HEALED LESION

HEALING

FREQUENT PROBLEMS

DELAY IN HEALING

HYPERTROPHIC SCAR

RETRACTILE SCAR

CHELOID

KNOWN CAUSES

AGE

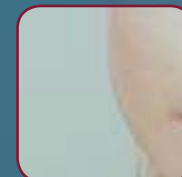
TOBACCO

CORTICOIDS

ESTROGEN DEFICIENCY

NUTRITION STATE

- Deficiencies and subdeficiencies in **AA** (arginin, glutamin...), **vitamins** (carotenoids, vitamin C) and **lipids** (A.G.E...) lead to a decrease of protein synthesis and thus of tissue repair.



OXYPROLANE

BRINGS THE PRECURSORS OF

THE COLLAGEN SYNTHESIS
HYALURONIC ACID
ELASTIN

Can be mobilized
immediately for
quality healing

Micro-peptides

Protein mediators precursors

Arginin

Induction of granulation tissue formation
Improved scar resistance

Glutamic acid

Regulating of protein metabolism
Hyaluronic acid precursor
Increase of dermis thickness
Increase in the diameter of collagen fibers

Vitamin A (carotenoids)

Activation of protein synthesis

Vitamin E

Control of inflammatory phenomena
Anti-oxidation action

AGPI (EPA 25 mg / DHA 30 mg)

Angiogenic action
Anti-inflammatory action

LESION

INFLAMMATION

MEDIATORS

FIBROBLASTS

SYNTHESIS OF
PROTEOGLYCANES
OF WHICH
HYALURONIC ACID

COLLAGEN
AND
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RESHAPING

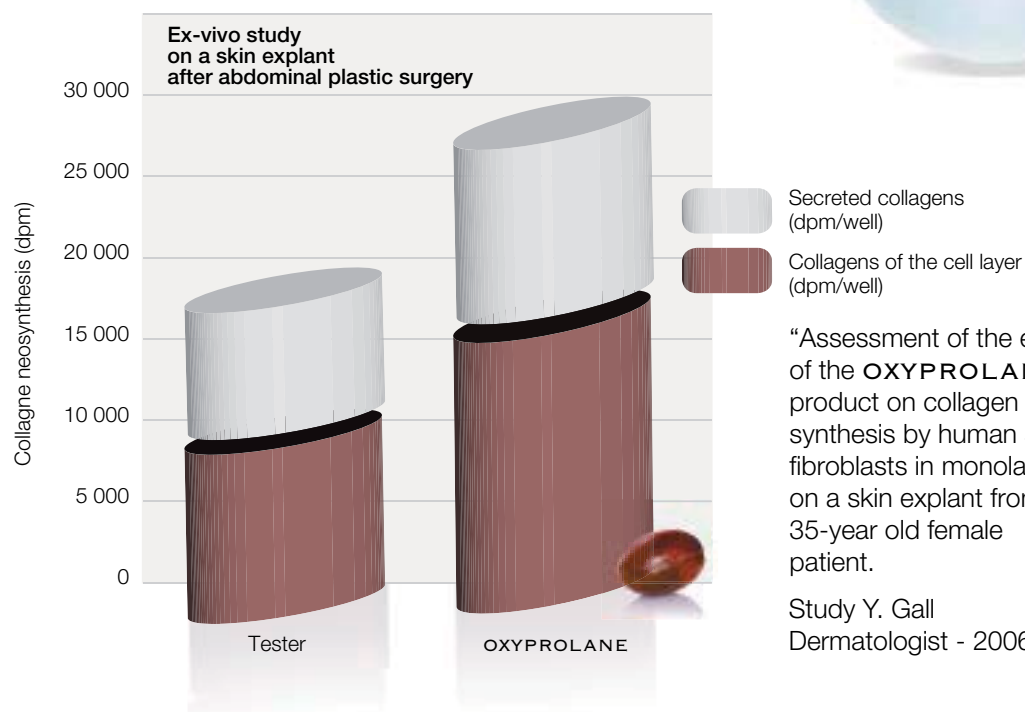
REGENERATION
OF THE
HEALED LESION

OXYPROLANE

THE PROOF OF REAL EFFICACY

AN ACTION OBJECTIVIZED **EX VIVO**

OXYPROLANE increases by close to **30%**
the collagen neosynthesis by fibroblasts, after 3 days



AN ACTION OBJECTIVIZED
IN DAILY PRACTICE

- Faster and better quality healing
- Decreased itching
- Improved aspect of scars, even existing ones



OXYPROLANE

HEALING RESEARCH

• **Approved composition**

- Protein hydrolysate from deep cold waters fish (to avoid pollution), with guaranteed-grade **MICRO-PEPTIDES** and **SPECIFIC AMINO ACIDS**
- Shellfish carotenoid extract (vitamin A)
- Fish and shellfish oil, titrated in omega 3
- Natural tocopherols (vitamin E)

• **Targeted indications**

- Dynamization of the healing process
- Reshaping of skin structure, after any skin trauma, surgical or not

• **Simple posology: 2 capsules a day (morning)**

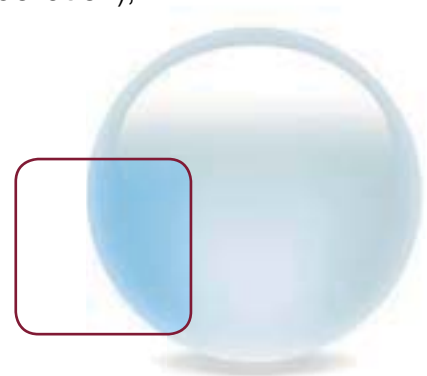
- **In plastic surgery:** for 3 months; if possible, start treatment one week before procedure.
- **In dermatology (anti-aging, laser, peeling, reshaping, resurfacing, injections...):** for 2 months, associated to beauty dermatology actions.

• **Instructions for use**

Not suitable for persons with an allergy to fish and shellfish

• **Presentation**

Amber glass jar containing 60 capsules
Available in pharmacies



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