

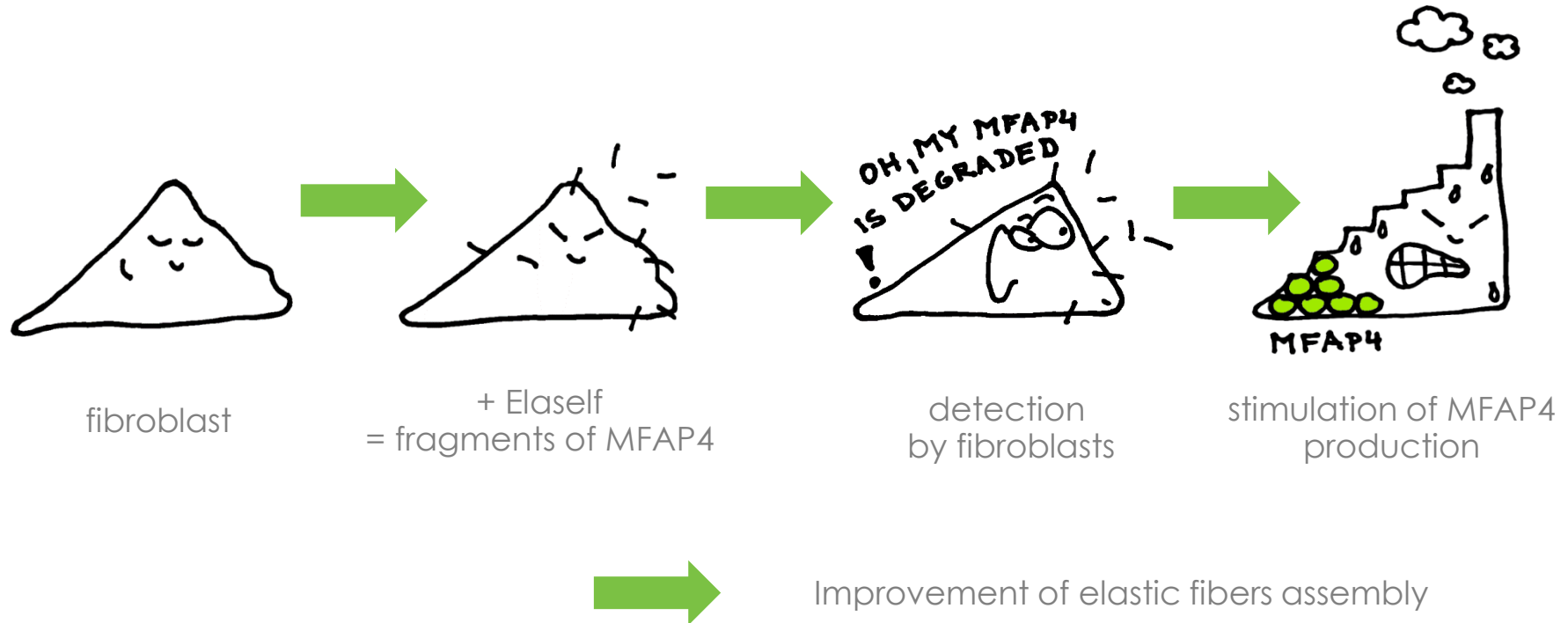
Elaself

Pentapeptide for **improvement**
of **elastic fibers assembly**

INCI: PHOSPHATE BUFFERED SALINE, SH-PENTAPEPTIDE-3,
PHENOXYETHANOL (OR PHENETHYL ALCOHOL)



Mechanism of action



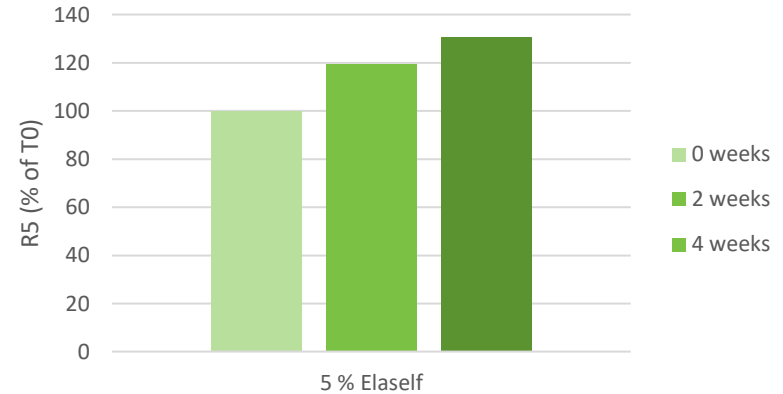


ELASTICITY

30%

ELASTICITY
IMPROVEMENT

*In vivo study by
Contipro*



ELA (5%) in emulsion, face, 15 volunteers.
R5 parameter determined by cutometer
(Courage and Khazaka electronics)

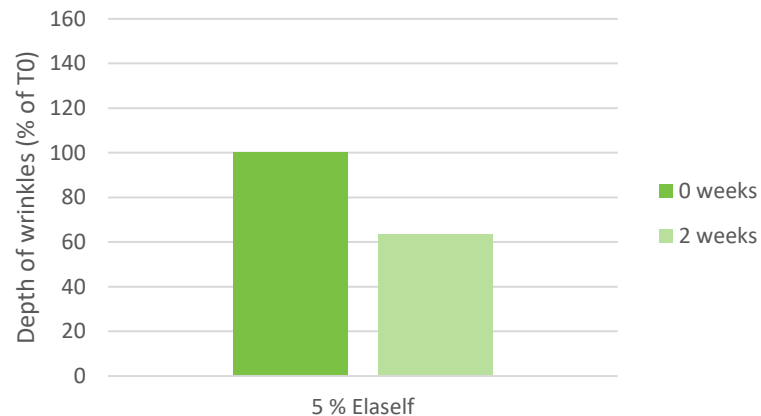


WRINKLE REDUCTION

37%

REDUCTION OF WRINKLES

In vivo study by Contipro



ELA (5%) in emulsion, face, 15 volunteers.
Wrinkles determined by 3D LiveViz camera

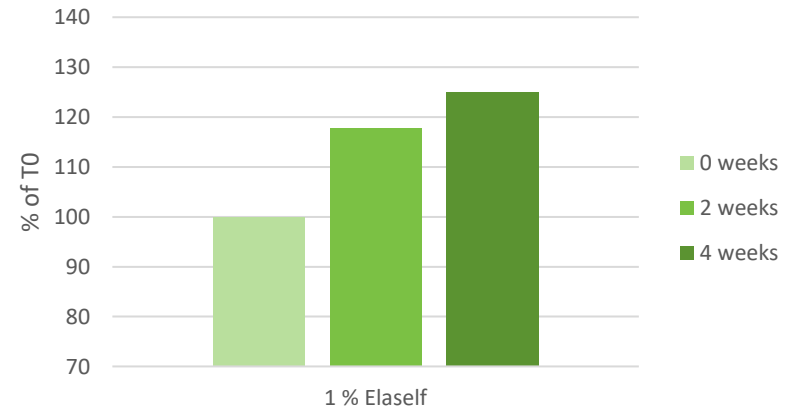


BASAL MEMBRANE

35%

INCREASE IN DERMAL PAPILLAE NUMBER

In vivo study by Contipro



ELA (1%) in emulsion, face, 11 volunteers.
Number of dermal papillae determined by
VivaScope 1500

Before



Wrinkle reduction **after 6 weeks** of daily treatment with 5% Elaseif



Additional advantages of Elaseif

- * Fights solar elastosis
- * Supports collagen production
- * Protects skin against aging and photoaging
- * Stimulates synthesis of MFAP4 protein



Elaself: Collected technical data

- **INCI name:** Phosphate Buffered Saline, sh-Pentapeptide-3, Phenoxyethanol (or Phenethyl Alcohol)
- **Supplied form:** solution in phosphate buffered saline (PBS) with HA (0,1% pentapeptide)
- **Preservative:** Phenoxyethanol/Phenethylalcohol
- **Samples:** 1 ml of solution
- **Minimal ordering quantity:** 1 kg
- **Recommended concentration in final products:**
0.01 – 1 % of solution
(safety tests up to 5%)
- **Source:** solid phase synthesis
- **Compatibility and processing:** sensitive to heat, sensitive to extreme pH (recommended pH 5,5-8)
- **Solubility:** soluble in water; soluble in mixture of ethylalcohol, isopropylalcohol, propyleneglycol and butylen glycol with water up to ratio 1:1; insoluble in non-water miscible solvents
- **Shelf-life:** 12 months



Who We Are

*World leader in research
and manufacturing
of hyaluronic acid.*

*Innovator in biotechnologies
since 1990.*

*Reliable partner of **successful
brands.***



We Are Here to Help You

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for active ingredients*

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