

Peptide contains peptides from MATRIXYL

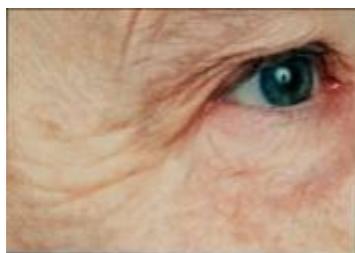
## **MATRIXYL™ An effective alternative to Vitamin C and Retinol for erasing wrinkles.**

Matrixyl steadily diminishes the appearance of wrinkles by helping to restore the dermal matrix.

In-vitro and ex-vivo studies show that MATRIXYL™ increases the synthesis of the dermal matrix molecules that are essential to preserving the skin's youth. These increases are substantial: as much as 287% for Glycosaminoglycans, 117% for Collagen I, and 327% for Collagen IV.

The results of a two-phase six-month clinical study show a marked improvement in the visual appearance of wrinkles with MATRIXYL™ in comparison to a commercial product containing Vitamin C and a placebo cream. Neither the Vitamin C cream nor the placebo cream had any significant effect, but MATRIXYL™ provided visible and dramatic results.

Actual photographs show the steady reduction in wrinkles treated with MATRIXYL™ before and after four and six months' treatment.



Day One



4 Months



6 Months

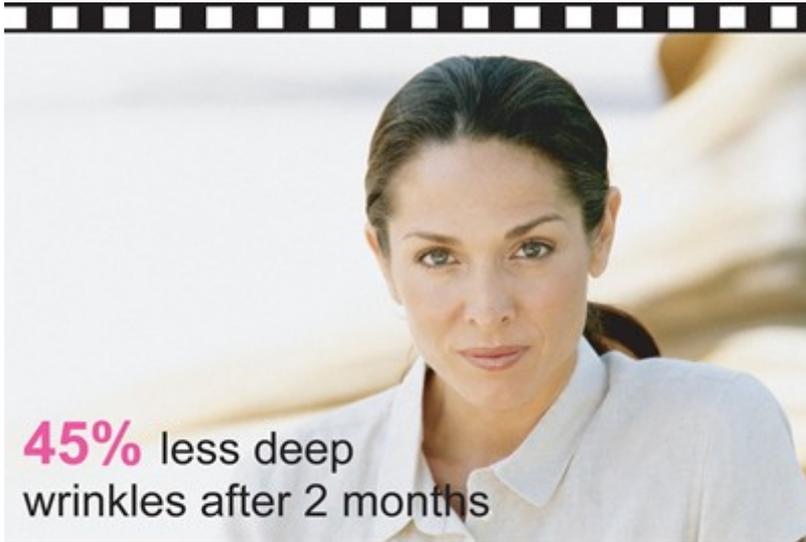
The mean surface area occupied by deep wrinkles has been reduced by 68% and mean wrinkle density by 46%.

In a separate 4 month clinical study, MATRIXYL™ was compared to RETINOL, and provided similar results without any negative side effects.

ECOGRAPHY-Measurements of the improvement of skin thickness on temples at 2 and 4 months

**Peptide also contains peptides from MATRIXYL™3000**





## CLAIM SUBSTANTIATION

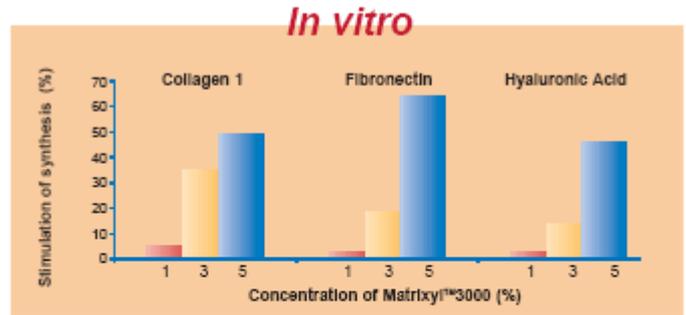
### in vitro tests

Synthesis of matrix macromolecules

Study to determine ability of fibroblasts incubated for 72 hours with Matrixyl™3000 (1, 3, and 5%) to stimulate synthesis of extracellular matrix components.

Stimulation of gene expression

Study to evaluate regulation of dermal and epidermal genes by matrikines present in Matrixyl™3000, using DNA-Array techniques on a reconstructed epidermis and a fibroblast culture.



**The profile of gene activation by the matrikines™ in Matrixyl™3000 complement the skin's natural mechanisms for cutaneous restructuring.**

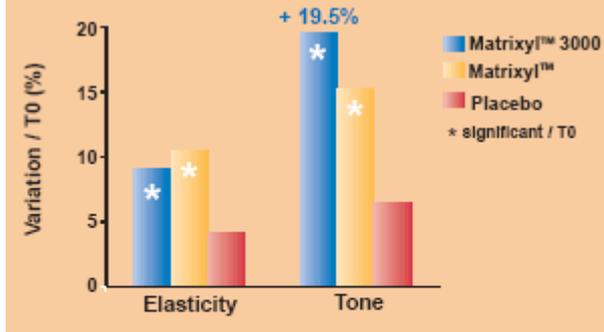
### in vivo tests

#### Visible and measurable proof of anti-wrinkle efficacy

Clinical study in which 2 panels of 23 volunteers aged 39 to 74 applied a cream containing 3% Matrixyl™3000 to one-half of their face against a placebo or 3% Matrixyl™ on the other half twice a day for 56 days. Anti-wrinkling and lifting efficacy was assessed by profilometry and photography, as compared to T0.

## Effect on skin elasticity and tone

Assesment of elasticity and tone by cutometry using the same panel as above.



**Matrixyl™3000 displays major and significant improvements in elasticity and tone.**

