

Profilometry and image analysis - 6-month study:

Against placebo:

25 volunteers / Twice-daily application on one half of the face a cream containing 3% MATRIXYL versus placebo / Image analysis by profilometry.

- Wrinkle depth : - 21.6%*
- Roughness : - 16.4%*
- Wrinkle volume : - 24.4%*
- Main lines density : - 46.8%*
- Wrinkles surface : - 67.8%*

*significant with regard to t0 (p<0.01)

Against vitamin C:

10 volunteers / Twice-daily application on one half of the face a cream containing 3% MATRIXYL versus a commercially available cream containing 5% vitamin C / Image analysis by profilometry.

	Matrixyl	Vit. C
- Wrinkle depth	- 21.8%*	1.1% _{ns}
- Roughness	- 13.5%**	3.6% _{ns}
- Wrinkle volume	- 24.4%*	0.3% _{ns}
- Main lines density	- 32.8%**	17.8% _{ns}
- Wrinkles surface	- 49.3%**	28.0% _{ns}

* significant with regard to vitamin C (p≤0,07)

** highly significant with regard to vitamin C (p≤0,01)

ns no significant

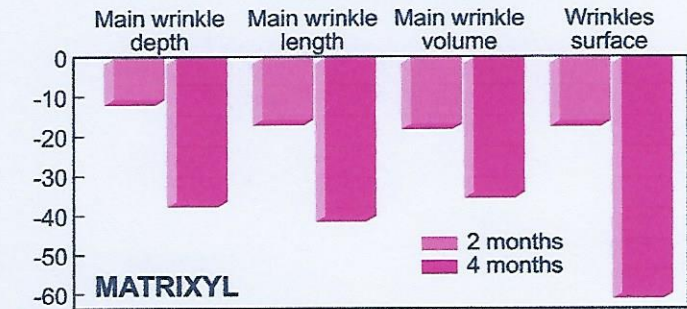
Matrixyl confirms its strong anti-wrinkle efficacy, whereas the cream with vitamin C is inactive.



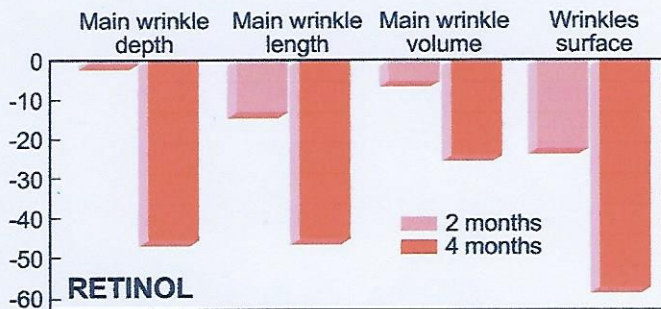
Profilometry and image analysis - 2 and 4-month study versus RETINOL:

16 volunteers / daily application for two months then twice-daily application for the following two months / cream containing 3% MATRIXYL versus cream containing 0.07% Retinol / Image analysis by profilometry, dermatological evaluation and echography.

Image analysis

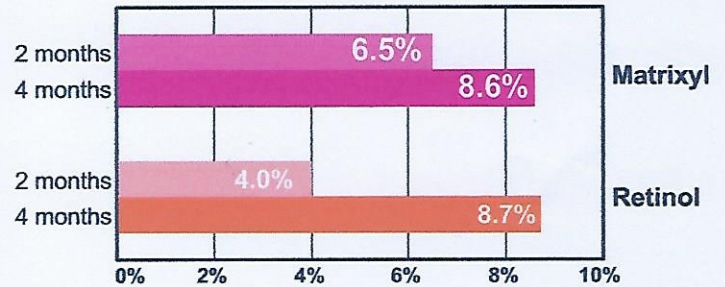


Variation / T0 (% on mean results)



Variation / T0 (% on mean results)

Echography: improvement of skin thickness



Before treatment



After a 4-month treatment

The anti-wrinkle efficacy of MATRIXYL is confirmed and acts more rapidly than retinol (and without irritation phenomena).

Skin thickness increases by 6.5% in 2 months and 8.6% in 4 months.

Evaluation by the Dermatologist confirms the anti-wrinkle effect, even on the forehead and the perinasal area.

Dermatological evaluation

Variation with regard to T0 (%)	MATRIXYL 4%		Retinol	
	2 months	4 months	2 months	4 months
Forehead	-26.67	-31.11	-20.00	-28.89
Periorbital area	-13.46	-19.23	-11.32	-16.98
Nasogenian groove	-0.20	-20.41	-9.80	-25.49