



CE Peptide Renewal

Help fight the signs of aging before they appear.



Highly effective, super antioxidant formula delivers optimal levels of vitamins and antioxidant protection for maximum improvement to the skin's tone, texture and firmness.

- ✓ 8-Fold Increase in Collagen Synthesis
- ✓ 8x Increase in Anti-Oxidant Protection from Free Radicals
- ✓ 92% Reduction in Human Melanocytes Cells
- ✓ 73% Reduction in Tyrosinase Activity
- ✓ 63% Reduction in Wrinkle Depth

Summary of Benefits

Supports and enhances collagen synthesis, resulting in a more dense collagen matrix, translating to tighter, firmer more supple skin

Inhibits melanin production, thereby preventing hyperpigmentation, leaving the skin clearer and more luminous

Relaxes facial muscles, to prevent the formation of fine lines and wrinkles

Neutralizes free radicals, to protect the skin from cellular damage, resulting in healthier, more radiant skin – inside and out

Novel Formula

Optimal and proprietary combination of **Stabilized Vitamin C and Vitamin E**

Ferulic Acid increases the chemical stability of Vitamin C & E

Rapid and efficient delivery of actives through the skin



Dual Trans-epidermal penetration

Multi-stabilization of potent ingredients

Purest, most effective form of active ingredients

Formulation based on scientific studies

Key Ingredients

- Potent
- Pure
- Proven

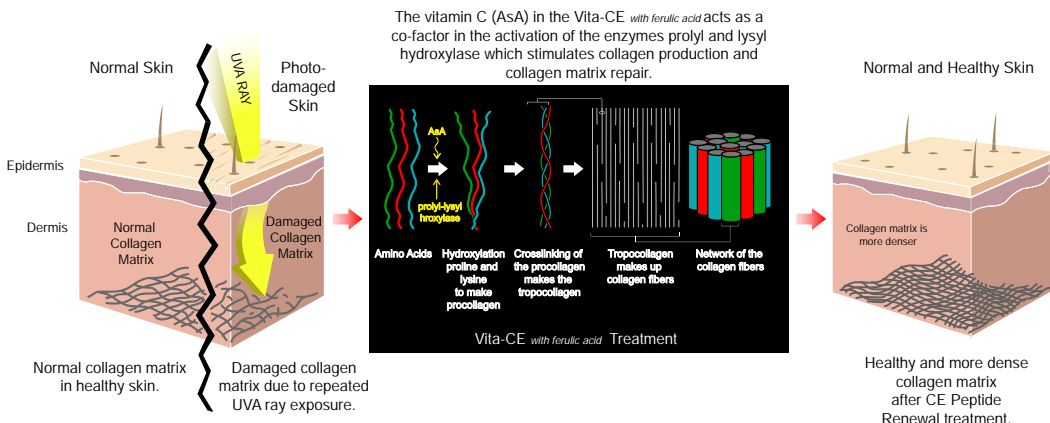
Matrix of Benefits

	Firmness	Elasticity	Density	Luminosity	Moisture	Smoothness	Anti-Wrinkle Anti-Aging
Acetyl Octapeptide-3	●	●	●			●	●
Panthenol					●	●	●
Ferulic Acid				●	●		●
Hyaluronic Acid	●		●		●	●	●
Vitamin E	●	●	●			●	●
Vitamin C	●	●	●	●		●	●
Anti-Hyperpigmentation	Free Radical Protection	Collagen Synthesis	UV Protection	Skin Restructuring	Anti-Wrinkle	HEALTHY SKIN	

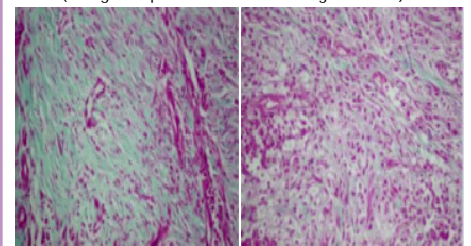
Mechanism of Action

The Effect of CE Peptide Renewal on Collagen Synthesis Enhancement

Prolyl and lysyl hydroxylase Induces an eight-fold (8X) increase in collagen synthesis by acting as a co-factor in the activation of the enzymes which stimulate collagen production and repair.



A Study on the Effect of Ascorbic Acid on Wound Healing²
(collagen deposition visible as blue green stain)



Histological image of SG (A) and CG (B) abdominal wounds 14 days after wounding (Gomori's trichrom stain) with prominent collagen deposition (A: score 3 out of 3, B score 2 out of 3).

Collagen deposition on the wound treated with ascorbic acid is remarkable (visible as a blue green stain) than that of the control. Ascorbic acid has shown unparalleled stimulatory effect on collagen synthesis.

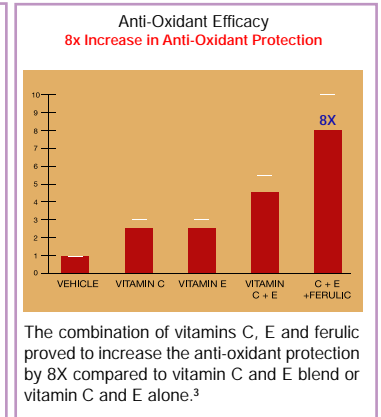
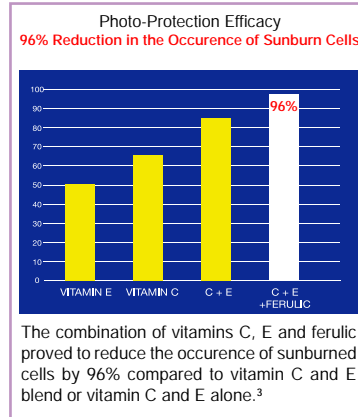
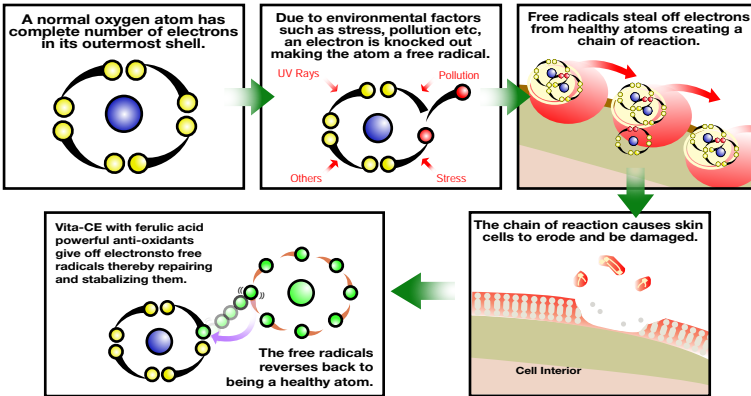
¹S.R. Sharma, R. Poddar, P. Sen and J.T. Andrews, Effect of Vitamin C on Collagen Biosynthesis and Degree of Birefringence in Polarization Sensitive Optical Coherence Tomography, (PS-OCT), African Journal of Biotechnology Vol.7, p.2029-2054, June 2008.

²Gross RL. The effect of ascorbate on wound healing. Int Ophthalmol Clin.2000;40(4):51-57

The Effect of CE Peptide Renewal on Free Radical Protection

✓ Repairs and protects skin cells eight times (8X) by giving-off electrons from its blend of powerful anti-oxidants, to stabilize and neutralize free radicals.

Free Radical Equation

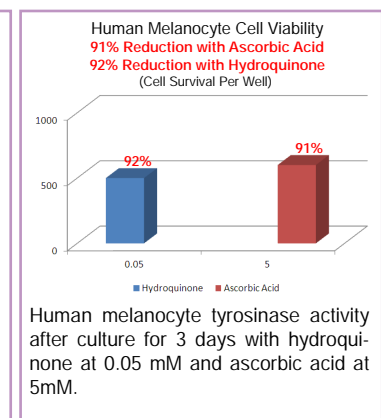
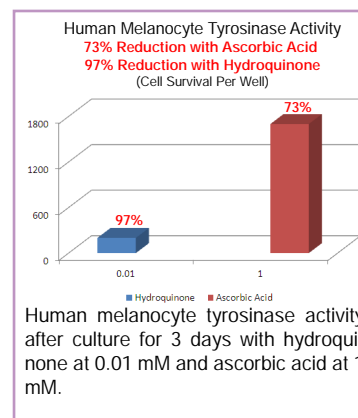
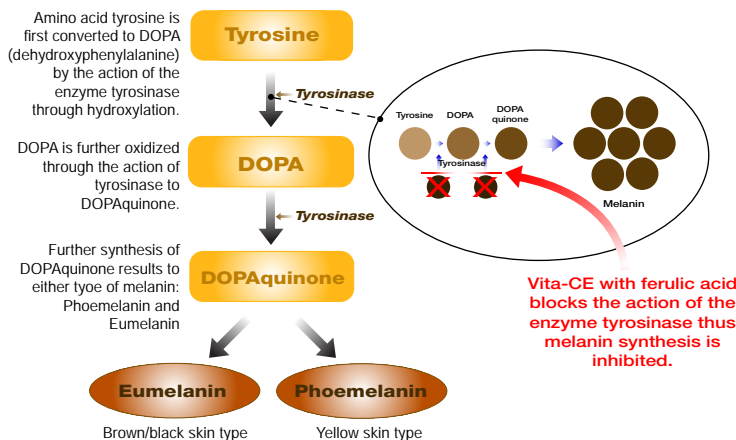


³Fu-Hsiung Lin, et al., Ferulic Acid Stabilizes Solution of Vitamin C and E and Doubles its Photoprotection of Skin, Journal of Investigative Dermatology (2005) 125, 826-832.

The Effect of CE Peptide Renewal on the Prevention of Hyperpigmentation

✓ Reduces human melanocytes by 92% and tyrosinase activity by 73%, by inhibiting the action of the tyrosinase enzyme, preventing the formation of melanin.⁴

Melanin Synthesis

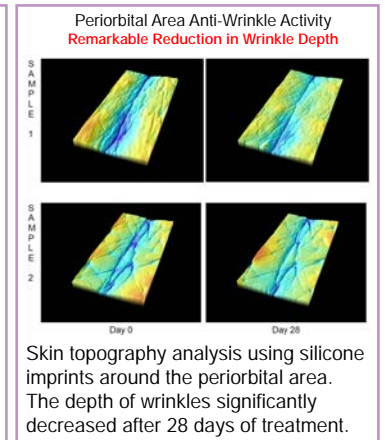
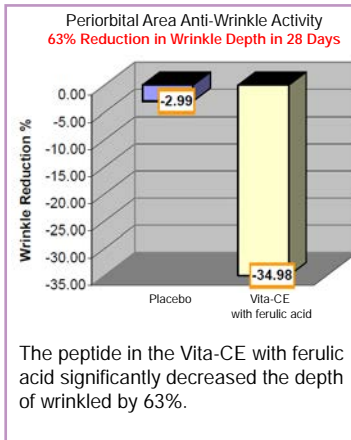
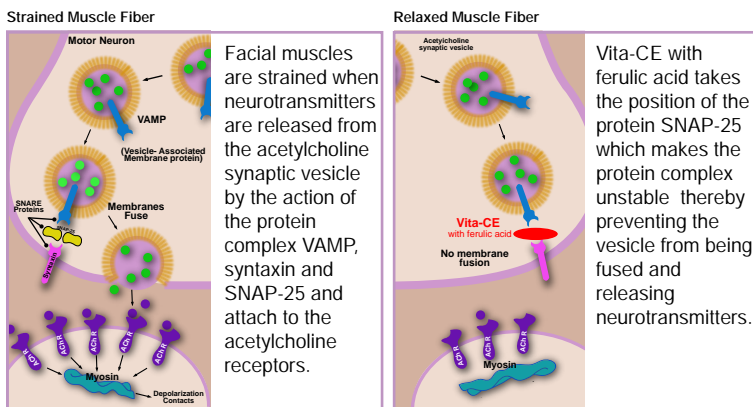


⁴(K. Maeda, M. Fukuda, In-Vitro Effectiveness of Several Whitening Cosmetic Components in Human Melanocytes, J. Soc. Cosmet. Chem., 42, 361-368, (Nov/Dec 1991)

The Effect of CE Peptide Renewal on the Inhibition of Wrinkle Development

 Dramatically reduces wrinkle depth by 63% in 28 days. Inhibits the action of protein complexes responsible for the release of the neurotransmitters that strain facial muscles.⁵

Biochemical Mechanism of Muscle Contraction



⁵Snap-8 Solution C, An Anti-Aging Peptide, Lipotec, July 2008 p. 10-11.

As pioneers of medical grade skin care innovations, Advanced Aesthetics Medical Solutions remains continually committed to the research, development and delivery of superior quality, technologically advanced skin care products.

ADVANCED AESTHETICS



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