



**Infinyouth®**

**Strengthen protection & collagen production to plump face  
Hyaluronic Acid Complex**



# NCC

Nutrition Cosmetics Creation SA

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## SUMMARY

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Nutrition plays a key role in CELL NUTRITION & CELL PROTECTION:

- To bring building elements, which become rare or deteriorate with age.
- To balance the balance between the production and the elimination of free radicals which denature, by the peroxidant, biological macromolecules such as lipids, DNA or proteins, and thus creates lesions difficult to reverse at the cellular level.

#### INFINYOUTH: SELECTED ACTIVES FOR THEIR CLINICAL RESPONSE AT THE SKIN LEVEL

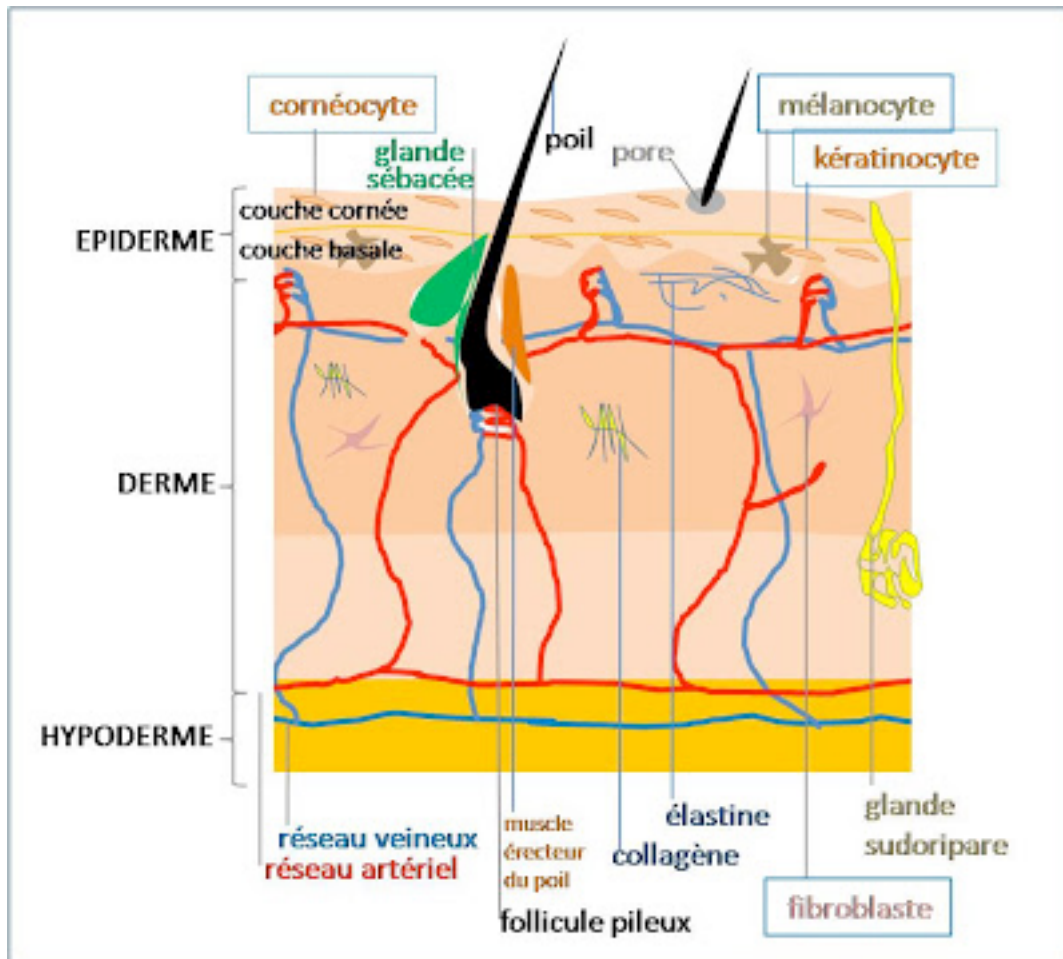
The skin is the largest organ of the body and provides several important physiological functions. Among these functions, there is the role of the skin as an interface between the individual and society. This is the main reason for the importance of research on skin aging in recent years, both in dermatology and in specific nutrition.

The skin consists of:

- 70% water (its distribution is variable, the hypoderm is the most hydrated),
- 27% protein (carbon, hydrogen, oxygen and nitrogen, as well as amino acids, proteins, hormones and enzymes),
- 2% of lipids (carbon, hydrogen, oxygen as well as phospholipids, fatty acids, triglycerides ...),
- 0.5% of mineral salts (sodium, magnesium, potassium, iron, copper, zinc, sulfur, phosphorus, iodine, manganese ...).

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A dermis of quality, is at the origin of a beautiful epidermis, and a glowing skin:

The cells that make up the epidermis are fed by diffusion from the dermis.

## **IN THE DERM:**

### **PEPTIDES to provide components of collagen:**

In the course of life, the physical properties of the layers of the skin change. The epidermis thins and becomes more fragile. Under the effect of the progressive disappearance of collagen, the dermis relaxes and folds, forming the first wrinkles that appear around 30 years (Collagen forms up to 70% of the skin,) The dermis is a connective tissue, which supports the epidermis, protects the vascular network and nerve fibers. The dermis is divided into two layers and has different types of cells, including fibroblasts (cells that synthesize collagen, a protein that is essential for tissue elasticity).

### **ORGANIC SILICON to stimulate collagen production and strengthen the integrity of the skin:**

Only water-soluble silicon can be assimilated by the body and is biologically active - The creation of biological bonds enhance the integrity of the skin and stimulate the production of collagen

### **HYALURONIC ACID to reinflate the dermis:**

About 50% of the total hyaluronic acid in the body is in the dermis. HA oral consumption increases HA precursors and promotes HA synthesis



## **IN THE EPIDERM:**

### **CERAMIDES to prevent the destruction of collagen and enhance the integrity of extra-cellular cement:**

Ceramides are a family of structurally heterogeneous and complex lipids. Their basic skeleton consists of a sphingoid base bound to a fatty acid by an amide bond. In normal skin, 50% of the lipids are composed of ceramides. They are among the main lipids in the skin with cholesterol and free fatty acids. Ceramides induce the production of a collagenase inhibitor (an enzyme that destroys collagen fibers). They are the major lipid component of the stratum corneum (Epidermis)

INFINYOUTH : A FOOD SUPPLEMENT at the HEART of the Cellular Activity

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