

## Use of platelets in cutaneous bio-revitalization

from the website [www.nestle.it](http://www.nestle.it)

One of the recent “discoveries” to oppose (or at least to slow down) the process of cutaneous aging is represented by the **use of platelets in the techniques of bio-revitalization**.

How do platelets help to correct the sign of aging? We talk about it with **Dott. Alessio Redaelli, specialist in Vascular Surgery and expert in Aesthetic Medicine**. *“First of all, it is appropriate to clarify what is the role of platelets. These represent the **first factor of reparation for our body**. Let us give a practical example: when a bleeding occurs after a trauma, platelets create the so-called “platelets thrombosis” that allows blood to coagulate. In platelets there are factors of growth that act on fibroblasts, which set down new collagen, and on the cells of vessels: in this way, they favor the creation of a new perfectly vascularized tissue”, explains Dott. Redaelli.*

*“In medicine, the so-called **PRP (platelet rich plasma)** has been used for many years in all sectors in which it is necessary **to accelerate the process of reparation of tissue**: think about its uses in phlebology, to repair the phlebostatic ulcer, or in dentistry, for the gingival pockets. Here is why, more recently, **the use of PRP even for the revitalization of aged skin** has been used”.*

How does the treatment is executed? *“We take 20 cc of blood from the patient’s body. The blood is then centrifuged and it separates the plasma rich in platelets from other corpuscular cells (white and red globules). At this point, platelets are “activated through a particular device and then injected in the skin of patient in the zones that need to be treated: for example the **frontal wrinkles, the ones surrounding the eyes, the facial profile and even the wrinkles of neck**”.*

Which are the results? *“**Bio-revitalization through PRP is the equivalent of a real “reconstituent care” for skin**. The level of improvement depends on the individual person: generally, we can say that skin appears more tonic, more compact with a real improvement of the cutaneous texture. The treatment is done once a month, for the consecutive months. The first effects are visible after two weeks.*

Which are the possible collateral effects? *“Talking about material taken from the human body, the **risk of allergic reaction is zero**. As for any other injective treatment, small hematomas associated with slight swelling can occur, but they go away after few hours”.*