

## Association between pyruvic acid 70% and a HA dermal filler in the treatment of chrono-photo-aged skin

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Skin aging depends from a complex combination of endogenous or intrinsic (genetics, pathologic conditions, cellular, hormonal and metabolic impairments) and extrinsic (chronic light exposure, pollution, ionizing radiation, chemicals, and toxins) factors. These factors induce a cumulative structural and physiological alterations in each skin layer as well as changes in global skin appearance and tonicity, especially, on the sun-exposed skin areas thus to configurate a composite condition known as chrono-photo-aging. Chrono-photo-aged skin typically shows a thickened epidermis, local dischromies, deep wrinkles, laxity, roughness as well as dullness. Available treatment includes bleaching and antioxidants creams, topical retinoid acid, chemical peels, laser therapy, radiofrequency, autologous fat transplantation, injectable fillers with or without bio-revitalizing properties, botulinum toxin and surgery. It is mandatory to evaluate each situation thus to “personalize” the solution possibly combining two or more tools among those available. Aim of the present paper is to evaluate the efficacy of a staged combination of pyruvic acid 70% and a temporary filler (nonanimal stabilized crosslinked HA from bacterial fermentation) on improving skin texture, tonicity and trophism. Procedure, early and late aesthetic outcomes are presented.

### Biography

Christian Pascone, born on 4<sup>th</sup> July 1976, is a highly trained plastic reconstructive surgeon having performed globally over 5000 surgical procedures in reconstructive surgery. He also has extensive training in cosmetic medicine treating with the most modern techniques available worldwide. He has received advanced training in reconstructive microsurgery and flaps dissection by prestigious medical and university institutions such as, Sophia-Anthipolis University in Nice, Queen Victoria Hospital in East Grinstead, Tripode Pelegrin Hospital in Bordeaux, Bochum University. He has long surgical experience in burns care and regenerative surgery and is certified provider ABLS (Advanced Burn Live Support) from the American Burn Association. He is author and co-author of different national and international scientific publications.

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