

SPRING DERMATOLOGY & SKIN CARE EXPO CONFERENCE

May 14-15, 2018 | Montreal, Canada

Successful hair restoration on bald patients with biorevitalization

Pilar Reyes Agüero

David Geffen School of Medicine, Mexico


Present strategies for the treatment of pattern hair loss are mainly focused on promoting cellular proliferation and differentiation during the hair growth cycle. That means recovering the normal physiology of the hair growth cycle. This is why I used the term bio revitalization. Bio revitalization the term we want to rebuild a physiological process leading to continuous labile tissue reconstruction. In my presentation she introduced her protocol and results with the use in combination of PRP, carboxytherapy and alfatradiol 0.025% capillary solution Supporters of platelet-rich plasma (PRP) technology suggest that its benefits include an increase in hard- and soft-tissue wound healing. In addition, the role of PRP for the treatment of pattern hair loss has been demonstrated in current reports, Injection of PRP has been demonstrated to increase vascular structures around hair follicles, also autologous PRP has been reported to induce the proliferation of dermal papilla cells. Carboxytherapy consists in the therapeutic use of carbon dioxide (CO₂) in its sterile gaseous state. At the vascular level, CO₂ increases vascular tone and produces active microcirculatory vasodilatation. CO₂ - induced vasodilatation, in addition, this promotes Bohr's effect, resulting in a higher tissue oxygenation and neoangiogenesis. The tissue stretching during infusion induces a subclinical inflammation, which triggers the repair, and tissue regeneration processes that induce the activation of macrophages, fibroblasts, and endothelial cells that stimulate neovascularization and remodeling of the extracellular matrix. Alfatradiol antagonizes the inhibitory effect of testosterone proliferation and dihydrotestosterone

in the anagen hair follicles. Consequently, alfatradiol reduces the dermal synthesis of dihydrotestosterone, inhibiting the enzyme 5 reductase. With cutaneous administration, effective concentrations of alfatradiol are obtained in the skin and only a negligible amount is absorbed. She presents her work during the last two years with the combination of these methods with the following protocol over 41 patients, 20 women 21 men, PRP intradermic, injection, every four weeks, then immediately carboxytherapy Intradermic, over the whole area to be treated, giving a second pass. Alfatradiol 0.025% Capillary solution, as home maintenance is applied in the evenings on clean and dry scalp. After the follow up of the patients and the satisfaction from the therapeutical result the author believes that these protocols have the scientific support for one of the most important treatments in the alopecia androgenic.

Speaker Biography

Pilar Reyes Agüero has studied at the University of Michoacan De San Nicholas De Hidalgo. After she attended medical school she has studied in the Institute of Higher Studies in Medicine at the University of El Conde in Mexico where she received two masters one for Aesthetic Surgery and other for Aesthetic Medicine and longevity. She has been practicing Aesthetic Surgery for over 15 years now. She is also a Professor in the Specialty of Aesthetic Medicine and Longevity at the Institute of Superior Studies in Medicine, Del Conde University in Mexico, where she teaches the students of the Masters of Cosmetic Surgery. She has been a Member of the American Academy of Cosmetic Surgery since 2004 as well as a Member of the College of Medical Professionals in Aesthetic Surgery in Mexico since 2006. She is also a Director of the International Union of Lipoplasty in Mexico-IU. Since 2012, she has been practicing PRP (Platelet-Rich Plasma) for her own hair restoration protocol.

e: dr_pil@hotmail.com

 Notes: