

CHOOSING BETWEEN HAIR TRANSPLANT, STEM CELLS, EXOSOMES, INFILTRATIONS, ORAL AND TOPICAL TREATMENTS FOR AGA

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Introduction: The association of mesenchymal stem cell transplant (MSC) and adipocyte derived stem cell exosomes (ADSCE) with Platelet Rich Plasma (PRP) and 5 alfa reductase inhibitors (5ARI) to treat Androgenetic Alopecia (AGA) has not been established in current literature.

Case Report: We present the first reported case of a patient that underwent one session of an infiltration of autologous MSC and PRP together with ADSCE, Finasteride and Dutasteride with a very marked regrowth of hair and partial recovery of hair color

Discussion/Conclusion: The excellent response of the treatment in an aged patient with AGA together with the feasibility of the procedure supports the use of combined autologous MSC and PRP together with 5ARI and ADSCE in difficult cases of AGA. Such response can drastically improve patients quality of life.

Keywords: Androgenetic Alopecia, Exosomes, Adipocyte derived stem cells, Platelet rich plasma, Mesenchymal stem cells, Finasteride, Dutasteride, case report