

# PREVENTION OF IMPENDING SCALP NECROSIS BY TOPICAL NITROGLYCERINE IN HAIR TRANSPLANT SURGERY

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**P**latelet-rich plasma (PRP) has emerged as a new treatment modality in regenerative plastic surgery, and preliminary evidence Recipient site necrosis is a rare but potentially devastating complication of hair restoration surgery. Appropriate case selection and procedure performed by expert surgical team is although mandatory but not enough to prevent such event, particularly in mega sessions. Therefore timely recognition of impending necrosis is very important to consider preventive measures. Topical nitro-glycerine has been used successfully in the management of skin necrosis following injection of dermal fillers. Based on this idea, a case series was designed to determine the efficacy of topical nitroglycerine in consecutive cases troubled with dusky skin vulnerable to necrosis. A management algorithm was also proposed from clinical observations and literature review to avoid vascular compromise that could lead to necrosis. Our experience with the use of nitroglycerine spray on the cyanotic area resulted in prevention of impending necrosis due to its vasodilatory effects on arterioles

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