

# Compounded Preparation Monograph

**COMPOUNDED ACTIVE INGREDIENT NAME:** Minoxidil/Finasteride/Latanaprost/Foam

**COMPOUNDED ACTIVE INGREDIENT INFORMATION:** : Minoxidil's precise mechanism of action for the drug remains inadequately understood. Minoxidil shortens the telogen phase to prompt the dormant hair follicles for premature transition into the anagen phase<sup>1</sup>. Finasteride is 5 alpha reductase inhibitor that can help stop the conversion of testosterone to dihydrotestosterone(DHT)<sup>2</sup>. Latanaprost is a prostaglandin analog that triggers hair follicles to return to a growth phase<sup>3</sup>.

**BEFORE USING THIS MEDICATION:** LET YOUR DOCTOR KNOW if you have any medication allergies before you take this compounded preparation. Let your health care provider know if you have any liver or kidney problems. Before taking this compound consult your practitioner about possible crossover with oral side effects of finasteride such as erectile dysfunction, anxiety, suicidal ideation, brain fog, depression, fatigue, and insomnia.

**HOW TO USE THIS MEDICATION** This compounded preparation is in the form of a foam. The foam is in a special container that will administer 0.5ml dose. To administer remove the protective covering on the top of the dispenser. Push pump to administer a dose. It can be applied directly to the head and massaged into the scalp. It can also be applied to other areas of the body. Take note to night apply in or around the eyes. Replace the protective cover with a light push. You can now store the device until next dose. Take care to not expose others to this compounded by washing hands after use. Protect others handling pillowcases or other items that come in contact with this protect unless washed first Store in original container between 59-77 °F If you miss a dose apply as soon as you remember, but not at the time for the next dose. The desired results may take up to several weeks. It's important to use the foam as directed by your healthcare provider.

**POSSIBLE SIDE EFFECTS:** This preparation may cause mild irritation or rash especially if there is an allergy to any of the ingredients.

1. Patel P, Nessel TA, Kumar D D. Minoxidil. [Updated 2023 Feb 24]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2025 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK482378/>.
2. Lee SW, Juhasz M, Mobasher P, Ekelem C, Mesinkovska NA. A Systematic Review of Topical Finasteride in the Treatment of Androgenetic Alopecia in Men and Women. J Drugs Dermatol. 2018 Apr 1;17(4):457-463. PMID: 29601622; PMCID: PMC6609098. Ulrike Blume-Peytavi, Sanna Lönnfors, Kathrin Hillmann, Natalie Garcia Bartels,
3. A randomized double-blind placebo-controlled pilot study to assess the efficacy of a 24-week topical treatment by latanoprost 0.1% on hair growth and pigmentation in healthy volunteers with androgenetic alopecia, Journal of the American Academy of Dermatology, Volume 66, Issue 5, 2012, Pages 794-800,