



By Dr. Toby Shawe, Dermatologist

Do you suffer from thinning hair? Have you found that the traditional treatments like hair-growth medications don't work for you? Platelet-rich Plasma (PRP) therapy is a non-invasive procedure for treating thinning hair that uses your own body's plasma.

We treat our patients with cutting-edge procedures and technologies, and we're excited to add PRP therapy to our slate of innovative treatments.

PRP therapy targets androgenetic alopecia, known as hereditary hair thinning, which affects both men and women. Injecting the platelet-rich plasma into the scalp stimulates the hair follicles into a growth phase, causing the hair to grow again.\* The procedure is simple, and you can expect only minimal discomfort.

For this condition, PRP is an all-natural, non-invasive procedure used to stimulate the growth of hair and to reduce the effects of thinning. This procedure has no downtime, and there is no risk of rejection because the process of retrieving PRP is exclusively from your own body.

First, a basic science lesson. Your blood has many components, including plasma,

the liquid in which blood cells are suspended. Platelets are protein-rich blood cells that are primarily used to stop bleeding via clotting. Plasma containing a strong concentration of platelets can have many uses. In this case, we use it to stimulate dermal papilla cells, a part of hair follicles.

**On the day of treatment:** Our registered nurse will draw a small amount of blood from a patient's arm, similar to what is required to fill a test tube. A topical anesthetic is applied to numb the area of the scalp to be treated.

The blood is then placed into a centrifuge and spun at a very rapid rate to separate the platelets from the other components of the blood. Once divided, the plasma has a higher-than-normal number of healing blood platelets referred to as platelet-rich plasma (PRP). The highly concentrated platelets contain protein that stimulate hair follicles to generate hair growth. Using a very-fine-gauge needle, PRP will be injected into the target area of the scalp where the hair loss is most severe.

Because the hair grows in stages, we recommend that our patients receive four PRP therapy treatments spaced four weeks apart. PRP is highly effective in stimulating inactive hair follicles, causing them to revert to the growth phase. After the first treatment, you may notice less hair loss. After you have completed two or three treatments, your hair should be healthier and thicker. Following your fourth treatment, optimal results are more visible, and you should notice thicker hair and new hair growth.

\*Individual results may vary and cannot be guaranteed.

If you are interested in scheduling a consultation with Dr. Shawe to see if you're a candidate for PRP hair restoration therapy, please call 215-836-7212.



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Our enthusiastic team is here to: educate, treat and support the well-being of our patients.

**Dermatology Appointments 215.836.7212**  
**Skin Care Center Appointments 215.348.7335**

Areas of treatment:  
Acne, Psoriasis, Rosacea • Excessive Sweating  
Hair Loss • Malignant Melanoma • Pediatric Dermatology  
Skin Cancer Treatment • Vein Management

Aesthetic Services:  
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Micro-Needling • Permanent Make Up



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