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Scalp Stem Cell Treatment

Patient Education

What are Stem Cell Scalp Injections?

Stem cell scalp injections are an innovative treatment that utilizes the regenerative properties of stem cells to promote hair growth and improve scalp health. Stem cells are unique cells with the ability to differentiate into various cell types, including hair follicle cells. When injected into the scalp, stem cells stimulate hair follicles, leading to thicker, healthier hair growth.

The type of stem cells used at Balanced Medical Solutions are Mesenchymal stem cells (MSCs) from prescreened healthy U.S. donors from a chord bank that operates under FDA regulations. MSC's are multipotent stromal cells that can self-renew and differentiate into specialized cells. These are combined with PRP from the patient's own blood for a synergistic effect, which improves the efficacy of the treatment.

How Does Stem Cell Therapy Work?

Stem cells have the remarkable ability to repair and regenerate damaged tissues. In scalp injections, stem cells are injected directly into the scalp. Once injected, these stem cells promote hair follicle regeneration, increase blood flow to the scalp, and stimulate the growth of new hair.

What to Expect During the Procedure:

1. Consultation: Your healthcare provider will assess your scalp condition and discuss your medical history to determine if stem cell therapy is suitable for you.
2. Preparation: A small amount of blood will be drawn from your arm, similar to a regular blood test.
3. Processing: The blood is spun in a centrifuge to separate the platelets and growth factors (PRP) from other blood components.
4. Injection: The concentrated stem cell solution with PRP is then injected into targeted areas of your scalp using a fine needle. A numbing cream may be applied to minimize discomfort.

Recovery and Results:

1. Minimal Downtime: Stem cell scalp injections typically require little to no downtime. You can resume your normal activities immediately after the procedure.
2. Gradual Improvement: Hair regrowth and scalp rejuvenation occur gradually over several weeks to months. Results may vary from person to person.
3. Multiple Sessions: For optimal results, multiple stem cell therapy sessions may be recommended, spaced several weeks apart.

Post-Procedure Care:

1. Avoid Washing: Refrain from washing your hair for at least 24 hours after the procedure to allow the stem cells to be absorbed.



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2. Gentle Care: Use mild shampoos and avoid vigorous rubbing of the scalp to prevent irritation.
3. Sun Protection: Protect your scalp from direct sunlight and UV exposure to prevent damage to newly rejuvenated skin and hair follicles.

Risks and Considerations:

1. Minimal Side Effects: Stem cell therapy is generally well-tolerated, with minimal risk of side effects. Some patients may experience mild redness or swelling at the injection site, which usually resolves within a few days.
2. Results may vary: While stem cell therapy can be effective for many individuals, individual results may vary, and not everyone may experience significant hair regrowth.

Conclusion:

Stem cell scalp injections offer a promising solution for individuals seeking to improve scalp health and stimulate hair growth. By understanding the procedure, managing expectations, and following post-procedure care instructions, you can maximize the benefits of stem cell therapy for your scalp. For any questions or concerns regarding stem cell therapy, don't hesitate to consult your healthcare provider.

It is important that you continue to see your regular medical doctor for your usual routine health maintenance. We are not replacing your medical doctor.