FAQ

SCIENCE & TECHNOLOGY OF ASCE+ and ASCE plus Exosomes

◆ What are Exosomes?

Exosome treatments are based on the most cutting edge scientific biotech breakthrough for skin rejuvenation and regeneration. Exosomes are responsible for cell to cell communication and for facilitating the exchange of RNA and other important proteins between cells (e.g. fibroblasts, keratinocytes, immune cells, etc.), in addition to transferring numerous growth factors and cytokines and genetic materials that have shown signs of tissue repair and improving skin cells. These data coding avatars have been harnessed to promote a more radiant youthful appearance.

◆ What is the function of Exosomes?

The major role of exosomes is to carry the information by delivering various effectors or signaling molecules between specific cells.

◆ What are the different Exosomes available for rejuvenation and how are they collected and manufactured?

Currently there are lyophilised and non-lyophilised exosome products available for skin and scalp rejuvenation and intimate health. The non-lyophilised products are less stable and need to be kept frozen. The lyophilised products are more stable and can be manufactured in larger quantities which reduces the price without decreasing the efficacy.

◆ How to select an Exosome product for professional use?

This depends on the clinical application of the exosome product, either topical use for rejuvenation or for injection for other indications. To determine the category of an exosome product, look at the label claim and ingredient listing. Look into if the product is claiming to have live cells. The ASCE + and A5CE plus Exosomes were developed for topical use for skin and scalp rejuvenation and intimate health. The complex and scientific method of production ensures quality, efficacy and safety. Vials of Exosomes contain anywhere between 500K – 10 Billion particles. Certain manufacturing processes may hinder this, however a good, stable lyophilised exosome product should yield between 2 Billion – 5 Billion particles per vial.

◆ Why is it a dual vial?

ASCE + and ASCE plus Exosomes are designed as a dual vial system consisting of 1 x 20 mg vial of lyophilised Exosomes, and 1 x 5 mL vial of Diluent. The vial of lyophilised ASCE + and ASCE plus Exosomes contains lyophilised Exosomes, Growth Factors, Peptides, and Co-enzymes, and the vial of Diluent contains HA, Growth Factors, Amino Acids, and Minerals. Individually, both vials are highly concentrated anti-aging powerhouses. Reconstituted, the ASCE + Exosomes allows for superior results, assisting in not just rejuvenation, but regeneration. The diluent formula allows for optimisation of skin hydration utilising a proprietary blend of skin and scalp regenerative ingredients.

◆ How do you use ASCE+ and ASCE plus Exosomes?

ASCE + and ASCE plus Exosomes are used to perform rejuvenation and regenerative treatments. These exosomes can be applied post RF micro-needling, micro-needling, chemical peel, PRP, and non-invasive laser. ASCE + and ASCE plus Exosomes are post care “topical use” cosmetic solutions. These products are not drug products. They are not intended to prevent, treat or cure diseases or medical conditions. They are not intended to be injected or delivered intravenously.

◆ Is ASCE+ and ASCE Plus Sterile?

ASCE + and ASCE Plus have gone through autoclave sterilisation. These are intended to be used as a cosmetic topical product. They are n’tot intended for injection.

◆ What is the Source for ASCE+ and ASCE plus Exosomes?

Human Adipose Stomal and Rose Cells

FAQ

◆ Why exosomes from adipose tissue as opposed to others such as placenta?

To answer this question, a more defined question needs to be looked at which is why placenta, or why not amnion, and if amnion, what amnion, amnion derived, amnion stem cells, etc.

◆ What are the reported drawbacks of exosomes from adipose tissue?

There are no valid report on drawbacks of exosomes from adipose tissue.

◆ What are the differences between exosomes that are lyophilised and those that are not?

ExoSCRT™ Exosome Isolation Technology, is the process of lyophilising (freeze drying), allowing the separation of exosomes from other components in the cultured medium.

◆ How viable are lyophilised exosomes, what testing and proof is there of viability when compared to non-lyophilised?

ExoSCRT™ Technology was developed to preserve the integrity of proteins within exosomes. The lyophilised exosomes go through a stringent purification and filtration process, which enables the determination of purity and the concentration of exosomes in the finished product. In-Vitro testing is performed to assure the viability of ASCE Exosome in each batch. ASCE + and ASCE plus Exosomes powered by ExoSCRT™ has been proven to promote skin cell proliferation by up to 80% compared against control.

◆ What is the purification process?

ExoSCRT™ Exosome Isolation Technology is an innovative technology to separate and refine 0.1% pure ASCE Exosome from stem cell conditioned media.

◆ How do you mix ASCE+ and ASCE Plus?

1. Open the carton, and combine 1 Vial of Diluent into 1 Vial of lyophilised Exosome. Mix thoroughly.
2. Cleanse skin and scalp thoroughly and dry completely.
3. Apply ASCE + Exosomes to skin, using the entire vial.
   NOTE : Use immediately after mixing, not exceeding 3 hours
4. Follow with appropriate moisturiser and protection.

ASCE + and ASCE plus Exosomes

◆ What is ASCE+ Exosomes Powered by ExoSCRT™?

It is an intensive dual-action complex, formulated to absorb quickly into the skin, delivering the concentrated power of over 2.5 BILLION STEM CELL DERIVED LYOPHILISED EXOSOMES, potent GROWTH FACTORS, PEPTIDES, CO-ENZYMES, MINERALS, AMINO ACIDS, and VITAMINS. The paraben-free, steroid-free, and hypoallergenic patented technologies and ingredients are clinically proven to rejuvenate and regenerate the skin.

◆ How many lyophilised Exosomes does ASCE+ Exosomes have?

2.5 Billion lyophilised Exosomes

ASCE plus Exosomes

◆ What is ASCE Plus Exosome Powered by ExoSCRT™?

Our clinically proven paraben free and hypoallergenic intensive dual action complex is designed to absorb quickly into the skin delivering the concentrated power of over 5 BILLION LYOPHILISED EXOSOMES, POTENT GROWTH FACTORS, PEPTIDES, CO-ENZYMES, MINERALS, AMINO ACIDS, VITAMINS and irritation reduction agents to rejuvenate, and intensely moisturise the skin and scalp.

◆ How many lyophilised Exosomes does Exosome ASCE Plus have ?

5 Billion lyophilised Exosomes