

Sculptra

Sculptra is amazing product in its ability to reverse facial wrinkles with semi-permanent benefits. In addition, Sculptra is excellent as a first line of facial rejuvenation.

Sculptra is a new medication recently approved by FDA for treatment of HIV facial lipoatrophy. The medication has been shown to be very effective and safe in treating this condition and other facial wrinkling. After the appropriate treatments have been administered, the correction can last at least two years, possibly longer. European experience has been up to five years as a dermal filler. After 2-3 years, patient may need one additional treatment per year or so to maintain the effect. Since its introduction, the price of the medication has been \$1,500 per treatment.

Product Description¹

- Sculptra™ is an injectable implant that contains microparticles of poly-L-lactic acid, a biocompatible, biodegradable, synthetic polymer from the alpha-hydroxy-acid family.
- Lactic acid polymers have been widely used for many years in resorbable sutures and are typically nontoxic even in large quantities within the body.¹
- Sculptra™ is supplied as a sterile, freeze-dried preparation for injection in a clear glass vial, which is sealed by a penetrable stopper and covered by an aluminum seal with a flip-off cap (Figure 2). Each carton of Sculptra™ contains two vials.
- Each vial of Sculptra™ is packaged for single-use only.
- Sculptra™ is reconstituted prior to use by the addition of sterile water for injection to form a sterile, non-pyrogenic suspension.
- The final composition of Sculptra™ consists of poly-L-lactic acid, sodium carboxymethylcellulose (USP), nonpyrogenic mannitol (USP), and sterile water for injection (USP).
- Sculptra™ can be stored at room temperature up to 30°C (86°F) during and after hydration. Refrigeration is not required. DO NOT FREEZE.
- The poly-L-lactic acid polymers break down through nonenzymatic hydrolysis to lactic acid monomers, which are then metabolized to carbon dioxide or incorporated into glucose (Figure 3).^{1,4}



Figure 2 Sculptra™ vials.

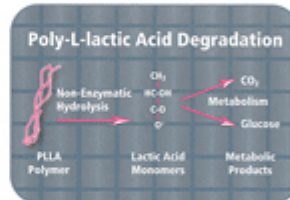


Figure 3 Schematic showing degradation of poly-L-lactic acid.



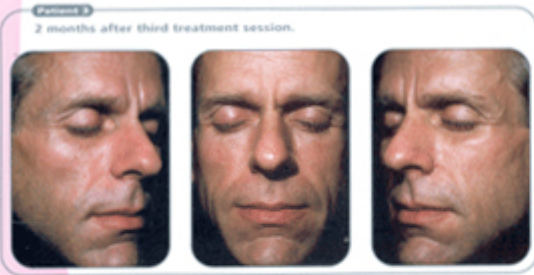


Figure 35a Moderate facial

Before and After Photographs

Before and After Photographs



Figure 35c



Baseline.



18 months after initial treatment prior to touchup treatment session.

Sculptra Lip

German Experience 1998-2003



Pre Lip Wrinkles



Post Sculptra

Sculptra Lip & Cheek

German Experience 1998-2003

Pre-Sculptra



Post-Sculptra



Sculptra Facial Fine lines

German Experience 1998-2003

Post Sculptra



Pre Sculptra

