

to the injection of dead tissue. Our bodies do not like dead materials being injected into them. In response, the body goes to work to remove the dead cells and free fat until it can either grow a new blood supply or encapsulate (surround with scar tissue) any non-living tissue. The processes that take place in the body include those of inflammation and swelling. This may be the reason why patients notice that they are swollen for many weeks (and even for months) after the fat injection procedure.

In my practice, I have found that the number of fat cells that remained living was only around 25%, even when I carefully harvested them using a variety of methods. The maximum percentage of living cells that will actually become part of the patient and develop their own blood supply is only 25% (minus whatever does not survive the surgical transfer process). This may account for the fact that patients often complain about the lack of results after fat injection. They proclaim, "It didn't last!"

We developed LiveFill™ in our offices four years ago. This procedure involves the transplantation of

100% live grafts that come from the patient's own tissues. Your own tissue is obtained and fashioned into small, delicate grafts that resemble strings of pearls that actually have structural integrity. These grafts are completely different from any rendition of grafted material that has been developed so far.

The face does not age in lines. It ages in areas. Therefore, it is best to fill in complete areas rather than place material underneath a single line. LiveFill™ is placed underneath the areas that need filling. These areas include the lips; the smile lines (folds or wrinkles that are located between the nose and mouth areas); underneath the eye areas and in hollowed out facial areas that develop with age. LiveFill™ is usually taken from an incision in the lower abdomen.

I have personally performed several hundred LiveFill™ grafting procedures. After LiveFill™ has been placed surgically, it becomes an integral part of the patient's tissue. Therefore, the results are permanent. These permanent results have been demonstrated through independent, objective microscopic analysis. The long-term viability has also been confirmed experimentally with

**Preoperative photograph:
32 year-old white female
before facial rejuvenation
with LiveFill.**



**Postoperative photograph
6 months after LiveFill
to her temporal hollows,
cheeks, nasolabial folds and
marionette lines.**

