Fat deposits a boon or a burden- Use of ADRL for augmentation of soft tissue volume

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Background: Fat grafting for volume replacement and correction of defects has been used for many decades. It always implied that over addition of fat volume is a requirement as there is about 30-40% reduction of the volume of the injected fat over a period of time. Fat injection as small beads in different tissue planes is the best way to get a long term improvement.

Patients & Methods: 300 patients underwent multi-planar fat grafting to the face and other parts of the body over a period of the last 4 years. Fat was harvested from the abdomen, flanks or thighs. It was washed, sieved and centrifuged and only live fat cells were taken up for injection. Larger globules (macro fat) of fat were injected in the deeper layers while micro fat was injected in the superficial layers. Nano fat was injected just under the skin layer.

Results: There was a very uniform improvement seen in all the patients with no volume loss and with no touch up needed on assessment at 6 months.

Conclusion: Facial contour restoration is being revolutionized by the new multi-planar fat grafting for volume augmentation and a consensus is now being achieved for the technique to be used for fat grafting.

Biography


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