Re: Correction of Rhytides, Peau d'Orange and Thin Dermis of the Face by Neocollagenesis Using Novel Collagen Stimulating Slurry Protocol

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Received: 19 June 2017 / Accepted: 22 June 2017 / Published online: 11 July 2017
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It is refreshing that the authors of this article have taken an aesthetic non-surgical technique and have looked into the science of fat transfer and the role of aesthetic stem cells in this. This field is progressing so rapidly that I would review this article in the light of current research performed by Yoshimura et al. [1] where they have examined aspiration and preparation techniques of aspirated fat and have compared centrifuged fat that is fragmented using an automated slicer and centrifuged fat emulsified by transfer between two syringes with a small hole connector. Their study is strengthened by histologic and electron microscopic analyses as well as culture assays.

Similar studies into the science behind this can also be found in the Patrick Tonnard et al. article on nanofat grafting [2] where again microscopy and culture were used.

Assessment of the degree of improvement was subjectively performed by the treating physician and the patient and here I would refer to the article on autologous fat grafting by Glasgold et al. [3] where they were able to use the 3D photography (Vectra) system to measure the percentage improvement with their autologous fat grafting. The advantage of using a system such as Vectra is that it also standardizes the lighting and photography for

comparison. Although the authors state that this is not time consuming, there is a certain amount of time required for the nerve blocks to work. This procedure would still need to be performed under full sterile conditions in an operating suite with appropriate monitoring and backup so that the safety of the patient is ensured.

In summary, the authors have presented a new technique to add to our armamentarium of known surgical fat rejuvenation techniques with a system that is cost effective. However, the science behind this needs to be re-evaluated in the light of numerous excellent articles on the science behind fat transfer [4].

Compliance with Ethical Standards

Conflict of interest The author of this commentary has no conflict of interest to disclose.

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