Letter on A Study on the Effective Ratio of Fat to Stromal Vascular Fraction for Cell-Assisted Lipotransfer

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Sir,

We read with great interest the article entitled “A Study on the Effective Ratio of Fat to Stromal Vascular Fraction for Cell-Assisted Lipotransfer” by Bae et al. [1] in *Aesthetic Plastic Surgery*. In this article, the authors conducted an in vivo study on the effective ratio of fat to stromal vascular fraction (SVF) for cell-assisted lipotransfer (CAL). They concluded that solely fat grafting is the most effective when the amount of fat tissue is limited. For adequate resource of fat tissue, a fat-to-SVF ratio of 1:1 is more recommended.

Clinically, the effectiveness of CAL is controversial [2, 3]. We think that the conclusion of this study may not be directly applied for clinical practice, because the recipient of mice in this study is different from the human condition.

In this study, the grafts were harvested at 8 weeks, and the volume and weight were measured to evaluate graft outcome. We recommend further evaluation of graft viability such as immunostaining for perilipin and CD31 to assess the viable adipocytes and vascularity, since volume or weight does not necessarily correspond to graft viability.

Compliance with Ethical Standards

Conflict of interest The authors declare that they have no conflicts of interest to disclose.

Human and Animal Rights This article does not contain any studies with human participants or animals performed by any of the authors.

Informed Consent For this type of study informed consent is not required.

References

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