Spoons in the eye

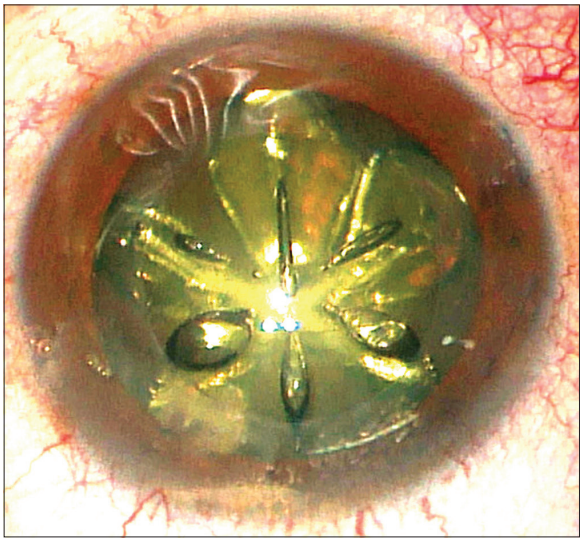

Figure 1: Intraoperative anterior-segment photograph of the right eye showing cavitation bubbles and nuclear fragmentation, resembling multiple spoons in the eye

A 55-year-old healthy male presented with bilateral nuclear opalescence cataract and underwent sequential femtosecond laser-assisted phacoemulsification in both the eyes. During the right eye femtosecond laser-assisted nuclear fragmentation, cavitation bubbles along the nucleotomy were arranged in the form of spokes, resembling three spoons in the eye [Fig. 1].

The femtosecond laser produces a series of cavitation bubbles by rapid expansion of free electrons and ionized molecules produced by photodisruption. It helps to reduce the total ultrasonic energy used in phacoemulsification by decreasing collateral damage to tissues and producing nuclear fault lines for subsequent separation.[1-3]

Declaration of patient consent

The authors certify that they have obtained all appropriate patient consent forms. In the form the patient(s) has/have given his/her/their consent for his/her/their images and other clinical information to be reported in the journal. The patients understand that their names and initials will not be published and due efforts will be made to conceal their identity, but anonymity cannot be guaranteed.

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Conflicts of interest

There are no conflicts of interest.

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References

1. Conrad-Hengerer I, Hengerer FH, Shultz T, Dick HB. Effect of femtosecond laser fragmentation of the nucleus with different softening grid sizes on effective phaco time in cataract surgery. J Cataract Refract Surg 2012;38:1888-94.
2. Abell RG, Kerr NM, Vote BJ. Femtosecond laser-assisted cataract surgery compared with conventional cataract surgery. Clin Exp Ophthalmol 2013;41:455-62.
3. Gupta PC, Ram J. Man with femtosecond laser starfish bubbles. JAMA Ophthalmol 2017;135:e171423.

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