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## Retinal detachment after myopic Lasik surgery- Case report

**Deyar Ibrahim**

Tishreen University Medical School, Syria

**Purpose:** The purpose of this study is to report two cases of unilateral retinal detachment (RD) after myopic LASIK.

**Case presentation:** First case: A 17-year-old male with Axial Length (AL) 27 mm in right eye (OD) and 27.62 mm in left eye (OS) underwent Lasik. 43 days later he complained of sudden loss of vision in his left eye secondary to macula off RRD with superior temporal large horseshoe and inferior holes.

**Second case:** A 27-year-old female with Axial Length (AL) 25.50 mm in (OD) and 25.06 mm in (OS) complained after 8 months of LASIK surgery from sudden loss of vision in her right eye secondary to superotemporal RD with macula off due to giant tears and many circular micro holes superiorly. Both patients were managed by pars plana vitrectomy (PPV) with silicon oil tamponade which extracted after 3 months in both patients. The retina was attached post operatively and the BCVA was recovered to the same BCVA after Lasik surgery. The other eye of both patients was treated with Argon laser photocoagulation around lesions were detected with funduscopy, and remain stable anatomically and functionally

**Conclusion:** RD after myopic Lasik can be a serious complication; patients should be informed about possibility of this complication. Each patient should undergo a very thorough dilated funduscopy and treatment of any retinal lesion predisposing for the development of RD before LASIK surgery is performed.

### Recent Publications

1. Chakrabarti A, Singh R (2000) Phacoemulsification in eyes with white cataract. J. Cataract Refract. Surg. 26(7):1041-1047.
2. Vasavada A, Singh R, Desai J (1998) Phacoemulsification of white mature cataracts. J. Cataract Refract. Surg. 24(2):270-277.
3. Vasavada A, Singh R (1999) Surgical techniques for difficult cataracts. Curr. Opin. Ophthalmol. 10(1):46-52.
4. Gimbel H V, Willerscheidt A B (1993) What to do with limited view: the intumescent cataract. J. Cataract Refract. Surg. 19(5):657-661.
5. Singh R, Vasavada A, Janaswamy G (2001) Phacoemulsification of brunescant and black cataracts. J. Cataract Refract. Surg. 27(11):1762-9.

### Biography

Dr. Deyar Ibrahim graduated from Tishreen University Medical School in 2009 and completed his specialization in Ophthalmology at Tishreen Educational and Research Hospital in 2013 ( MD with Excellent degree) and worked there until 2014. His practice and experience is especially in surgical retina, medical retina, ocular trauma, cataract refractive surgery, lasers and medicolegal ophthalmology.. He has been working at his own office since 2014 in Erbil (Kurdistan region of Iraq). Dr. Deyar is member of both some national and international ophthalmological associations and societies.

diar155@yahoo.com

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