

(X) R1 ( ) R2 ( ) R3 ( ) PG0 ( ) PG1 ( ) Estagiário ( ) Tecnólogo ( )  
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**Xerophthalmia and optic neuropathy after bariatric surgery.** Brenner, LF ;  
Nogueira Martins, E.

**Purpose:** To report iatrogenic xerophthalmia and optic neuropathy after bariatric surgery.

**Methods:** Observational case report and literature review.

**Results:** A 22-year-old woman with low visual acuity for 1 month was seen at the Emergency Room, Hospital São Paulo / UNIFESP. She presented with visual acuity of counting fingers in both eyes, bilateral decreased tear meniscus, conjunctival xerosis with a keratinized limbus and diffuse punctate keratitis. Fundus examination disclosed bilateral optic disc edema. Imaging studies did not reveal central nervous system alteration and lumbar puncture disclosed a normal liquoric pressure. Serum autoantibodies for Sjögren were all negative. Vitamin A deficiency was confirmed (serum level < 0.1umol/L) and patient was initiated on micronutrients supplementation. A regression of ophthalmic alterations was observed and visual acuity was 20/20 OU after 2 months.

**Conclusions:** Xerophthalmia and optic neuropathy might affect patients after bariatric surgery. Dietetics education regarding strict adherence to micronutrients supplementation is imperative to prevent iatrogenic causes of visual impairment.