Reviewer's report

**Title:** Transient anterior subcapsular vacuolar change of the crystalline lens in patients after posterior chamber phakic intraocular lens implantation

**Version: 1 Date:** 28 August 2013

**Reviewer:** MEE KUM KIM

**Reviewer's report:**

The authors report cases of the transient anterior subcapsular vacuolar change of the crystalline lens in patients after posterior chamber phakic intraocular lens implantation. This is very interesting cases because it looks to be a first report presenting this transient complication. (If it is a first report, the authors should mention it either introduction or the discussion. Otherwise, the authors should add previous article mentioning this observation in the reference.) It seems to be important information for a surgeon to be capable of being cautious during the irrigation. The possible causes are also well explained to understand that phenomenon. However, the conclusion is too strong to be drawn only in 2 cases in the abstract. ;“direct irrigation of the narrow space confined by the ICL and the crystalline lens should be avoided”. Because, usually the irrigation do not induce vacuolation of the anterior subcapsular space in most of the ICL implanted patients. Therefore , the authors should tone-down the conclusion. In this case report, descriptive conclusion would be more appropriate based on their findings. It looks to be acceptable with minor revision to be published in BMC ophthalmology.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests