Editorial

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Retinal detachment mostly progress and lead to some degree of permanent visual field or acuity loss. To achieve long-lasting retina reattachment, the causative retinal breaks must be identified then closed or sealed down. This principle first recognized by Jules Gonin in 1920s.[1] Therefore, identification of the retinal break is a critical step in surgical plan during retinal detachment surgery. Some conditions e.g. media clarity, multiple break, proliferative vitreoretinophaty, including preference of surgeon are factors considered when choosing proper surgical technique for any case either scleral buckling (SB), vitrectomy (PPV) or pneumatic retinopexy. Most of the ophthalmology education centre expose vitrectomy rather than SB or pneumatic retinopexy to their residents nowadays.

Improved visual outcome together with anatomical success are targets after surgery. Some surgeon prefer one technique than other due to dexterity and outcome of their surgery. Visual outcome together with anatomical success of PPV versus SB has long been discussed, without any randomized controlled trial ever reported. Some said that SB is better for phakic retinal detachment eyes,[2] and some said that PPV is better for pseudophakic retinal detachment eyes.[3,4] It was reported that SB infection is 3-4% of cases, more than PPV.[5,6]

The report of Ihsan *et al* in this journal highlight the functional and anatomical outcome of both technique. Forty-four articles were retrieved using the intended keywords, seven articles met the inclusion criteria in their article review. Recent national condition in regard to Jaminan Kesehatan Nasional (*National Health Insurance*), both technique were covered by the insurance depending on the patients perspective. Other study reports that local anesthesia has lower cost and increase effectiveness.[7]

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Editorial

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SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

PRIMARY SOURCES

1	Eric W Schneider, Mark W Johnson. "Repair of Primary Noncomplex Rhegmatagenous Retinal Detachment", US Ophthalmic Review, 2013 Publication	8%
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3	Park, Sung Who, Han Jo Kwon, Ho Yun Kim, Ik Soo Byon, Ji Eun Lee, and Boo Sup Oum. "Comparison of scleral buckling and vitrectomy using wide angle viewing system for rhegmatogenous retinal detachment in patients older than 35 years", BMC Ophthalmology, 2015. Publication	6%
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