

Review Form 1.6

Journal Name:	Asian Journal of Research and Reports in Ophthalmology
Manuscript Number:	Ms_AJRROP_77796
Title of the Manuscript:	Diabetic Retinopathy: Causes, Investigations and Treatment
Type of the Article	Review Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p>	<p>Thanks the authors for writing up this review and pointing out the importance of the sight threatening complications of the disease DM. Authors mentioned in page 1 line 20-21 that “the most common and likely cause of blindness from these problems is diabetic retinopathy”, however, the leading cause should be diabetic maculopathy or proliferative retinopathy with breakthrough haemorrhage Please explain what does page 1 line 23 “... have reproductive diabetes retinopathy” mean? Page line lines 30 -32 did not make sense: “Key contributory features related to diabetic retinopathy include high glucose and hemoglobin A1c (HbA1c), fluorescein angiography, optical coherence tomography, and B-scan ultrasonography.”. I guess that a sentence was missing after HbA1c and before fluorescein angiography. Please add back citation for every numbers and figures quoted in the “Introduction” part. Please add in citation after the sentence, instead of the whole paragraph for “Causes and Risk factors”. Please use subheadings for “Causes and Risk factors”: 1) Duration of diabetes: ..., 2) Hypertension and hyperlipidemia: ... Page 1 line 13-14: “Proper treatment of hyperlipidemia (high serum lipids) can lead to mild retinal detachment ...” is not the general understanding in Ophthalmology. Given this is an ophthalmology journal, please specify which type of retinal detachment are authors referring to here. Please amend page 3 line 7-9: “Broken microaneurysm results in retinal bleeding or more (flammable hemorrhage) or deeper layers of the retina (bleeding of dots and dots).” To reflect the truth of the science behind. Please use subheadings for “pathophysiology” section to, e.g. page 3 line 18: Hypoxia should be over another subheading. Page 3 line 21-22: “Abnormal venous caliber, such as venous bumps, bumps, and stretch marks ...”, please delete the extra meaningless word. Page 4 line 7-8: “..., symptoms including swimming, blurred vision, blurred vision and increased vision.” Is non-scientific, please amend. Page 4 line 8-9: “Symptoms of diabetic retinopathy include: Microanurysms: ...” these are signs instead of symptoms. Page 4 line 11; “dots and spot hemorrhages”, there is blot haemorrhage but not spot haemorrhage. Please refer back to the latest version of the international classification of diabetic retinopathy published in Ophthalmology journal. Page 4 line 17 abbreviation is wrongly quoted: “... in diffuse diabetic retinopathy (PDR)” Page 5 line 21: “...promote the growth of red tissue...”, please clarify what is red tissue. Authors did not mention the use of intravitreal steroid injection/implant as a treatment of choice for DME. Please add back to complete the review.</p>	
<p>Minor REVISION comments</p>	<p>Please add back citation after each sentence quoting other's reference and figures. Please do not just cite one and only one reference after a whole large paragraph which consisted of multiple different figures originated from different studies, particularly this is a review article! Abbreviations need only be mentioned in full at their first time of appearance in the text, there is not need to bracket the abbreviation later, e.g. DM, NPDR Please remarks all the abbreviation used in Figure 1. Page 5 line 16-18 are written in layman term, please consider using words like “scotoma”, “visual loss”</p>	

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Optional/ General comments	Please rewrite page 5 line 1-12 to make it readable. This manuscript appears to be a translated article that have multiple areas of non-readable sentences, and most are not up to the scientific standard For figure 2 and 3, please consider describing it as PDR instead of DR. After all, this is an ophthalmology journal, but not a health magazine. Page 8 line 19: "... such as fever, sadness or pain, ...", from my understanding, "sadness" is not a side effect of the treatment described.	
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PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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