

Review Form 1.6

Journal Name:	Asian Journal of Research and Reports in Ophthalmology
Manuscript Number:	Ms_AJRROP_94499
Title of the Manuscript:	Radiation-induced cataract in a hospital radiology staff.
Type of the Article	Case study

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:

(<https://www.journalajrop.com/index.php/AJRROP/editorial-policy>)

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)
<u>Compulsory</u> REVISION comments	<ol style="list-style-type: none"> TITLE: Radiation-induced cataract in a hospital radiology staff. As it is a single case study, the title should be changed to "Radiation- induced cataract in a radiology hospital worker". INTRODUCTION: In addition to the definition, the authors should explain the classification and anatomical locations of cataracts (https://doi.org/10.1038/s41598-020-59734-5. Reference. Scientific Reports (2020) 10:4055) DISCUSSION: + That other mechanism has been proposed to explain how radiation induce lens opacification. Explain? + The authors consider that the limiting dose of more than 150mSv is risk for the lens. According to Thome et al, now recommending an occupational limit of 20mSv per year on average. (Cristopher Thome et al. Health Phys. 114(3):328-343.2018) 	
<u>Minor</u> REVISION comments	REFERENCES. +The references do not comply with the style desired by the journal. + The references are very old, before 2010; they should be updated.	
<u>Optional/General</u> comments	CONCLUSION: The authors should add to the conclusions something from the clinical case. For example: "in incipient cataracts that still do not influence your visual acuity, we recommended corrective lens and phacoemulsification depending on evolution.	

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)
<u>Are there ethical issues in this manuscript?</u>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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