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REVIEWER'S REPORT

Manuscript No.: IJAR-56822

Title: Wolfram syndrome: a case report.

Recommendation:

Accept as it is

Accept after minor revision...

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality	Excellent			
Clarity		Good		
Significance	Excellent			

Reviewer's ID: Dr. Sumathi

Detailed Reviewer's Report

- Genetics is the study of heredity, focusing on how genes—sequences of DNA—pass traits from parents to offspring, influencing appearance, health, and development. It covers how genetic variations, mutations, and environmental factors affect disease risk and evolution. Key concepts include DNA (A, T, C, G), chromosomes, inheritance patterns, and genetic engineering.**
- Optic atrophy is the death of nerve fibers in the optic nerve, causing irreversible, pale discoloration of the optic disc, which leads to reduced vision, color blindness, and visual field loss. It is not a disease itself, but a clinical sign of previous damage from conditions like glaucoma, tumors, or inflammation.**
- Diabetes is a chronic condition causing high blood sugar because the body cannot produce enough insulin or use it effectively. It affects how the body converts food into energy, leading to serious damage to nerves, organs, and blood vessels over time. Key types include Type 1 (autoimmune), Type 2 (insulin resistance), and gestational (during pregnancy).**

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- 4. *Adolescence* is a highly acclaimed four-part British drama series on Netflix, written by Jack Thorne and Stephen Graham, directed by Philip Barantini. Filmed in a continuous, one-shot style, it explores the immediate aftermath and societal impact of a 13-year-old boy (played by Owen Cooper) accused of murdering a female classmate, featuring Stephen Graham as the boy's father, Eddie.**
- 5. Deafness is the partial or total inability to hear, affecting over 5% of the world's population. It is caused by genetic factors, infections, aging, or noise exposure, often classified as conductive, sensorineural, or mixed. Early signs include difficulty hearing conversations or high-pitched sounds. Treatments include hearing aids and cochlear implants.**
- 6. Wolfram syndrome is a rare, progressive genetic disorder, often termed DIDMOAD (Diabetes Insipidus, Diabetes Mellitus, Optic Atrophy, and Deafness). Typically appearing in childhood, it causes early-onset diabetes, vision loss, neurodegeneration, and hearing loss. It is mainly caused by mutations in the *WFS1* gene, leading to cell death, particularly in the brain and pancreas.**
- 7. Conditions often mistaken for diabetes due to shared symptoms like fatigue, weight gain, or increased thirst include hypothyroidism, metabolic syndrome, PCOS, Cushing's syndrome, and hemochromatosis. Other forms of diabetes (like LADA or MODY) or conditions such as diabetes insipidus, infections, and certain cancers can also mimic type 2 diabetes symptoms.**
- 8. Sudden sensory neural hearing loss (SSNHL) often occurs without a clear cause (idiopathic). Known causes include infections (viruses/bacteria), autoimmune diseases, vascular issues reducing inner ear blood flow, head trauma, ototoxic drugs, or neurological disorders. Prompt medical attention, ideally within 48–72 hours, is vital to improve recovery chances.**
- 9. Key words are given good but add more words.**
- 10. Pictures are given good.**
- 11. But font sizes of information is given different. Especially conclusion points are in different font size.**
- 12. Seems some points are given with copy paste.**
- 13. Result part is very less it should be with tables and graphs.**
- 14. Summary points must be added.**

REVIEWER'S REPORT

15. **References should be with alphabetical order.**
16. **After those changes can be published in your journal.**