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REVIEWER'S REPORT

Manuscript No.: 50042

Date: 26/1 2025

Title:

Diabetic ketoacidosis in paediatrics: A 10-year retrospective study comparing children with known diabetes and those with newly diagnosed diabetes at presentation

Recommendation:

- Accept as it isyes.....
- Accept after minor revision.....
- Accept after major revision
- Do not accept (*Reasons below*)

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

Reviewer Name: Dr.Sumathi

Date: 26/1/2025

Reviewer's Comment for Publication.

(To be published with the manuscript in the journal)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

Diabetic ketoacidosis is a life threatening condition that occurs when a person with diabetes has too many ketones in their blood. Ketones are acidic substances produced when the body breaks down fat for energy instead of sugar.

This research findings are focused mainly about diabetes . Continued to explore more in future.

Detailed Reviewer's Report

- 1. Diabetic ketoacidosis is a serious complication of diabetes that can occur in children.**

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- 2. It is characterized by high blood sugar, high levels of ketones in the blood and urine and low blood pH.**
- 3. DKA can be life threatening and is a leading cause of death in children with type I diabetes.**
- 4. A diagnosed diabetes means a medical professional has confirmed that a person has diabetes through a blood test, typically by measuring their fasting blood sugar level or A1C level and found it to be above the threshold indicating diabetes.**
- 5. Type 1 diabetes is a chronic that occurs when the body's immune system destroys the pancreas insulin producing cells.**
- 6. This prevents the body from producing enough insulin to move sugar into cells resulting in high blood sugar levels.**
- 7. If we have type 1 diabetes our pancreas does not make insulin or makes very little insulin.**
- 8. Insulin helps blood sugar enter the cells in our body for use as energy. Without insulin, blood sugar can't get into cells and builds up in the bloodstream.**
- 9. Information given about diabetes is significant. Tables are good with results. Graphs are appreciated.**
- 10. References should be in alphabetical order.**
- 11. This research information is of value to publish in your journal.**