**COVERING LETTER**

From,

Vidya.B

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To,

The chief editor

Annals of pathology and laboratory medicine.

Subject: Submission of Paper entitled, **Correlation of serum magnesium level with fasting and post prandial blood sugar levels in type 2 diabetes mellitus- A Prospective Study** for publication in your esteemed journal.

Respected sir,

I am pleased to submit an original article titled, “**Correlation of serum magnesium level with fasting and post prandial blood sugar levels in type 2 diabetes mellitus- A Prospective Study**” for consideration for publication in the Annals of pathology and laboratory medicine.

In this manuscript, we show the imbalance in levels of serum magnesium among the patients of type 2 diabetes in comparison to controls, suggesting that the impaired metabolism of this mineral may have a contributory role in the progression of diabetes and development of complications later on. With this study we recommend, serum Mg level estimation in diabetics and dietary Mg consumption or its supplementations to help in preventing its complications.

We believe that, this manuscript is appropriate for publication by this journal because it has been approved by Indian Council of Medical Research (ICMR). Publication in this esteemed journal would encourage and promote the participation of students in medical research. Our manuscript also creates a paradigm for future studies based on serum magnesium levels in diabetes.

This manuscript has not been published and is not under consideration for publication elsewhere. We have no conflicts of interest to disclose. The article has been prepared as per the instructions mentioned in your journal.

I would highly oblige if you consider this article for publication in your esteemed journal in the next issue as an original article.

Thanking you,

 Vidya.B.

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**TITLE PAGE**

**Correlation of serum magnesium level with fasting and post prandial blood sugar levels in type 2 diabetes mellitus- A Prospective Study**

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**AUTHORS’ CONTRIBUTIONS:**

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| --- | --- | --- | --- | --- | --- |
|  | Vidya.B | Dr. Kishan Prasad HL | U Sanjana Rao | Dr. Chandrika Rao | Dr. Suchetha Kumari |
| Preparing the data |   √ |   √ |  |  |  |
| Literature search |   √ |  √ |  |  |  √ |
| Collection of samples |   √ |  |   √ |  √ |  |
| Data analysis |  √ |  √ |  |  |  |

**CONFLICTS OF INTEREST:**  Nil