

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_78656
Title of the Manuscript:	EXPLORING KNOWLEDGE, ATTITUDE AND PRACTICE (KAP)TOWARDS VITAMIN D AMONG ARTS & COMMERCE STUDENTS IN VISTAS CHENNAI
Type of the Article	Original Research 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)
Compulsory REVISION comments	<p>Abstract:</p> <ol style="list-style-type: none">the aim of the study should be stated in the abstract.the phrase 'The deficiency in adults may cause muscle weakness and fractures' is not completely correct. The consequences depend on the extent of vitamin D deficiency. <p>Introduction:</p> <ol style="list-style-type: none">more recent data regarding the recommended daily intakes for vitamin D in children and adults should be provided.Other factors that should be taken into account for the development of vitamin D deficiency – seasonal variations, latitude, ethnic/religious factors.It should be mentioned that 25OHD is accepted as a biomarker for assessment of vitamin D status as 25OHD levels are not affected by the levels of PTH. <p>Results and Discussion:</p> <ol style="list-style-type: none">You wrote: "Among 362 students, majority of the students were in the age group of 18 years (25%), followed by 19 years (25%) and 20 years (24%)". This makes 70%. What age are the rest 26% of the students? 21 years? What is the mean age of the students?The baseline characteristics are very incomplete. These should be enriched with an information regarding the diet, supplementation, outdoor activities etc.Table 1: there are some mistakes in the calculations (age – percentage); year of education – number of samples).It is written: "First year students 40.88%, second year students 24.86% and third year students 24.30%". This is not equal to 100%. 326 is the total numbers of students according to the data given in table 1. Which year of study are the rest 36 students?Figure 1.: Q 3 is not correctly asked. You probably mean is seasonal variability in vitamin D synthesis. For all figures the percentage of 'yes/no' answers should be calculated and to compare the results for statistical significance.	<ol style="list-style-type: none">Aim of the study included in the abstract section.The sentence was justified. <ol style="list-style-type: none">Recent data was added.Included other factors causes the vitamin D deficiency.Included in introduction. <ol style="list-style-type: none">Mentioned only the majority of the student's percent was described. However, number of students in all age group was shown in table. Now all the age group have been included in the description.The baseline characteristics of diet, supplementation and activities etc were included as questions under knowledge (Q4), attitude (Q3 & Q4) and practice (Q2 & Q4).3 & 4. The percentages were calculated and the mistakes were rectified.Q3 was asked based on sun exposure. However, seasonal variation also depends on sun exposure. For the figures, yes/no was only calculated and shown in the graph under knowledge, attitude and practice.
Minor REVISION comments		
Optional/General comments	The whole text needs thorough editing.	Reviewed and required corrections were performed.

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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	No