

Review Form 1.6

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Manuscript Number:	Ms_JPRI_82160
Title of the Manuscript:	Vitamin D deficiency and risk of hair loss: Knowledge and practice of adult female population in Saudi Arabia, 2020
Type of the Article	

General guideline for Peer Review process:

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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> <p>Background: Vitamin D deficiency is a global problem related to public health causing multiple disorders, for example rickets, osteoporosis (weak bones) and osteomalacia. Lack of information, education and perception about the normal requirements of vitamin D is leading to emergence of many diseases in Saudi population. We aimed to assess Knowledge and practice of vitamin D deficiency and risk of hair loss among adult female population in Saudi Arabia.</p> <p>Method: We performed a cross sectional study in adult females older than 16 years who are residing in Saudi Arabia. We excluded female healthcare workers. Knowledge and practice of vitamin D deficiency and risk of hair loss were measured among included female. Data were analyzed using SPSS.</p> <p>Results: A total of 810 female were included. Most of participants were between 18-25 (41.6%) and 26-35 (39.5%) years old. 42.6% of total participant were single. 96% of them heard about vitamin D. The main source of information were Relatives & friends (55.8%) followed by health care professional (50.75%). 503 (62.1%) of the participating females correctly knew that there is a relationship between vitamin D deficiency and hair loss, 188 (23.2%) thought that there is no relationship while 119 (14.7%) did not know or did not have any opinion. Regarding practice, about 216 (26.7%) participants exposed themselves to sunlight, and 40% were taking Vitamin D supplement. The overall knowledge score was 9.4 ±2.80 out of 18. A significant difference in knowledge score was found according to age, nationality, residence and marital status.</p> <p>Conclusions : The overall knowledge score was average among participants, and majority of them heard about vitamin D. About two third of the participants knew that there is a relationship between vitamin D deficiency and hair loss. There is a need to increase the taking of vitamin D supplement among female for prevention from diseases.</p> <p>Key words: Vitamin D; Female; Knowledge; Practice; Hair loss; Saudi Arabia.</p>	
Minor REVISION comments		
Optional/General comments		

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PART 2:

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

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