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Letter to the Editor

## Associating factors in postmenopausal women with pelvic organ prolapse

Sir,

I have reviewed with deep interest the publication "the evaluation between vitamin D level and pelvic organ prolapse in postmenopausal women." As a medical student, I appreciate all authors on their dedicated work and would like to express my gratitude for their findings. This study investigated the association between vitamin D levels and pelvic organ prolapse in postmenopausal women. The authors designed case-control study for the investigation of vitamin D in patients with and without pelvic organ prolapse and measured serum vitamin D level of all participants by CMIA technology with flexible assay protocols means they have done architect 25-OH vitamin D assay, but wide range of studies measure vitamin D levels mentioned by using this method there may be misclassification of finding the true status of vitamin D in insufficient and deficient groups. So clinical laboratories should be aware of this method and should use the standard method LC-MS (Liquid chromatography-tandem spectrometry).<sup>1-3</sup> Another concern related to the inclusion factors for evaluation of vitamin D in pelvic organ prolapse in postmenopausal women. Pelvic organ prolapse is a multifactorial disease.<sup>4,5</sup> Many risk factors can lead to pelvic organ prolapse but this study did not mention in case group study that other factors, which includes BMI (Body mass index), multiparity, anthropometric data, life habits, their reproductive history, previous and actual disease history, minor delivery procedures, family history, history of collagen disease incidence in family, mode of deliveries, reproductive surgeries and pelvic inflammatory disease history should be excluded.<sup>6</sup> In this study authors did not mention either case group and case control group are filtered out by excluding comorbidities like diabetes and hypertension. I appreciate all authors for the study they did more focus on their topic of interest and dedication in the field of obstetrics and gynecology.

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