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Letter to the Editor

Re: Relationship between testosterone deficiency and the cardiovascular risk factors, diabetes, and hypertension

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Low circulating testosterone is also linked to conditions such as anemia, metabolic syndrome, and cardiovascular disease [1]. I have reviewed the study entitled 'RELATIONSHIP BETWEEN TESTOSTERONE DEFICIENCY AND THE CARDIOVASCULAR RISK FACTORS, DIABETES, AND HYPERTENSION' published in the 'Journal of Men's Health' by Park et al., and their findings and conclusions are interesting [2]. This study is one of the few studies which addresses the issue of the relationship between testosterone deficiency and cardiovascular disease in healthy men. In this study, 2242 healthy men were followed for 8 years and the incidence of hypertension or diabetes was determined [2]. Among the elderly men, the relative risk of hypertension and diabetes increased by 1.573 and 1.649 times, respectively, in the testosterone deficiency group, compared to the non-testosterone deficiency group [2]. This study would be significantly improved if the association between anemia and testosterone deficiency was assessed. Anemia is associated with increased morbidity and mortality, and can lead to cardiovascular and neurological events [3]. Despite these limitations, this study raises our awareness about the important relationship between testosterone deficiency and cardiovascular disease.

Author contributions

Research conception & design: YSS, SCK. Drafting of the manuscript: YSS, KSL. Critical revision of the manuscript: YSS, KSL. Approval of final manuscript: YSS, SCK.

Ethics approval and consent to participate

Not applicable.

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Conflict of interest

The authors declare no conflict of interest.

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