

Comment on: Statin use and risk of diabetes mellitus

Mehmet Ali Eren, Tevfik Sabuncu, Hüseyin Karaaslan

Mehmet Ali Eren, Tevfik Sabuncu, Hüseyin Karaaslan, Department of Endocrinology, Harran University, School of Medicine, 63100 Sanliurfa, Turkey

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Correspondence to: Mehmet Ali Eren, MD, Department of Endocrinology, Harran University, School of Medicine, Valikonagi Street, Yenisehir Campus, 63100 Sanliurfa, Turkey. drmalieren@hotmail.com
Telephone: +90-414-3128456

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Abstract

In manuscript named "Statin use and risk of diabetes mellitus" by Chogtu *et al*, authors defined that pravastatin 40 mg/dL reduced the risk of diabetes by 30% in West of Scotland Coronary Prevention study. In fact, pravastatin 40 mg/dL reduced coronary heart disease risk approximately 30% in mentioned study.

Key words: Pravastatin; Statins; Diabetes mellitus;

Coronary heart disease; Myocardial Infarction

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Core tip: We want to eliminate an important error that lead to confusion about the risk of diabetes due to statins in the well-written manuscript by Chogtu *et al*.

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TO THE EDITOR

We read with great interest the recent review by Chogtu *et al*^[1] dealing with the risk of diabetes mellitus development induced by the use of statins. The authors clearly explained the benefit of statin on cardiovascular prevention as well as the possible mechanism of impaired glucose metabolism related with statin. In our opinion, there was a critical confusing error in "statins in diabetes" section.

In the last sentence of mentioned section, authors defined that pravastatin 40 mg/dL reduced the risk of diabetes by 30% in West of Scotland Coronary Prevention study with reference to the Kotseva *et al*^[2]. However, pravastatin 40 mg/dL reduced nonfatal myocardial infarctions risk by 31%, death from coronary heart disease by 28%, death from all cardiovascular causes by 32% but there was no information about diabetes risk in the original study of West of Scotland Coronary Prevention Study Group^[3].

We hope that the correction of above-mentioned item would eliminate the confusion and provide better understanding of the well-written manuscript by Chogtu *et al*^[1].

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