

## Cardiovascular outcomes in different gender and ethnicities treated with SGLT2 inhibitors and GLP-1 receptor agonists: A systematic review and meta-analysis of randomized trials



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### Abstract

**Background:** The ethnic differences in cardiovascular outcomes with sodium glucose cotransporter2 (SGLT2) inhibitors and glucagon-like peptide-1 (GLP-1)receptor agonists in patients with type 2 diabetes (T2DM), Cardiovascular risk factors for atherosclerotic cardiovascular disease like age above 50, HTN, hyperlipidaemia, smoking, Family history of early atherosclerotic cardiovascular disease like age above 50, HTN, hyperlipidaemia, smoking, Family history of early atherosclerotic cardiovascular disease or established atherosclerotic cardiovascular disease and heart failure with reduced ejection fraction are not well established.

We conducted the current study to evaluate the effects of both class of drugs on the major adverse cardiovascular events related to diabetes Mellitus type 2- (MACE)-non- fatal stroke or non- fatal MI or cardiovascular death as well as heart failure related to the race, ethnicity and gender.

### Biography

Andrey Manov is Certified Endocrinologist and Internist by ABIM in the USA and in the European Union. Have 34 scientific publications in Peer Reviewed Journals in the area of DM type 1 and Type 2 pathogenesis, treatment, Thyroid disorders etc. and have been lead investigator in 2 International Multi central scientific trials. Worked in England with lead World Renowned Immuno -endocrinologist Prof. Franco Bottazzo. In London, England in 1991 discovered the increased expression of the adhesion molecule CD 44 on snap frozen sections and cell cultures in different autoimmune thyroid diseases. Interested in general endocrinology and Diabetology with significant teaching experience and clinical experience. Have been 23 years Academic Faculty in different hospitals and Universities in Fort Worth Texas and Dallas Texas at a level of Associate and Full Professor. Was a Course Director for Endocrinology for 2-nd year Medical Students in University of North Texas Health Science Centre /UNTHSC/, Fort Worth, TX -2017-2018 at a level of Professor. Currently He is Professor in the Department of Medicine in TCU and UNTHSC School of Medicine, Fort Worth TX since 2017. He was elected as a Fellow of American college of Internal Medicine and as a Top Doctor Internist for 2018 in Fort Worth, TX.



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