



كلية الصيدلة
College of Pharmacy
QATAR UNIVERSITY جامعة قطر
Member of **HEALTH** الصحة عضوفي



THESIS PRESENTATION: Master of Science in Pharmacy

Ms. Nancy Zaghloul

Thesis Title: Trends and Appropriateness of Sodium-Glucose Co-transporter 2 Inhibitors Use in Qatar

Supervisor: Dr. Hazem Elewa, Associate Professor, Head of Clinical Training, College of Pharmacy, Qatar university

Co-Supervisor: Dr. Ahmed Awaisu, Professor & Head of Clinical Pharmacy and Practice, College of Pharmacy, Qatar university

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3:00 pm - 5:00 pm

Ibn Al-Bitar Building (I-06), G.CL.03



Abstract: Sodium glucose co-transporter 2 inhibitors (SGLT2is) are the most recently approved class of oral antidiabetic drugs (ADDs). The objective of this study was to explore the trends in the use of SGLT2is compared to other oral ADDs, to evaluate the appropriateness of prescribing SGLT2is, and to determine the factors associated with SGLT2is prescribing in Qatar. This is a two-phase retrospective cross-sectional study. SGLT2is have largely replaced sulfonylureas in clinical practice in Qatar. SGLT2is were very likely to be prescribed for an appropriate dose. Gender, baseline glycated hemoglobin level, history of atherosclerotic cardiovascular disease, history of chronic kidney disease, and the use of metformin, sulfonylureas, or DPP4is were associated with initiating SGLT2is.

