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Role of sodium-glucose co-transporter-2 inhibitors in the management of heart failure in patients with diabetes mellitus

Stelina Alkagiet, Konstantinos Tziomalos

Abstract

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The role of sodium-glucose co-transporter-2 inhibitors in the

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The sodium-glucose co-transporter 2 (**SGLT2**) inhibitors are a new class of medications for the treatment of **type 2 diabetes**. This article provides an overview of efficacy and safety data for **the SGLT2 inhibitors** and outlines their **role** in the **management of diabetes**.

Cited by: 71 **Author:** Karen Whalen, Shannon Miller, Erin St. O...

Publish Year: 2015

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Sodium-glucose cotransporter 2 (**SGLT2**) **inhibitors** represent a newer class of antihyperglycemic agents for the **treatment of type 2 diabetes**.

Cited by: 10 **Author:** Oren Steen, Ronald M. Goldenberg

Publish Year: 2017

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https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6852284

Jul 17, 2019 · In addition to **lowering blood glucose**, **sodium-glucose co-transporter-2** (**SGLT-2**) **inhibitors** exert favourable effects on multiple risk factors (including **blood pressure**, body weight and **renal function**) and provide an opportunity to reduce the risk of **CVD** in patients with T2DM.

Cited by: 2 **Author:** Chaicharn Deerochanawong, Siew P. Ch...

Publish Year: 2019

The metabolic model of heart failure: the role of sodium ...

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Author: Michael C. Honigberg, Orly Vardeny, M... Publish Year: 2020

SGLT2i (Sodium-glucose co-transporter 2 inhibitors), initially developed for their glucose-lowering potential by blocking renal tubular glucose reabsorption, have been shown to decrease heart failure (HF) events by 27% to 39% in high-risk patients with type 2 diabetes mellitus (T2DM) in 3 cardiovascular outcomes trials 1 and a renal outcomes ...

https://www.ahajournals.org/doi/10.1161/CIRC**HEARTFAILURE**.119.006623

Sodium Glucose Co-transporter 2 Inhibitors and Heart ... 翻译此页

Cited by: 3 Author: Raktim K. Ghosh, Gopal Chandra Ghosh, ...

Publish Year: 2019

Sodium-glucose co-transporter 2 (SGLT2) receptors are primarily located in the proximal convoluted tubule of the nephron. These receptors are responsible for almost 90% to 95% of tubular reabsorption of the glucose in the nephron. In patients with diabetes mellitus, due to upregulation of SGLT2 receptors, glucose reabsorption is further increased.

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Sodium Glucose Co-transporter 2 Inhibitors | Kidney ... 翻译此页

2020-3-26 · Reducing the human and financial burden of progressive diabetic kidney disease (DKD) and ESKD stalled after the landmark trials of renin-angiotensin system inhibitors (RASi) in the early 2000s. The recent introduction of sodium glucose co-transporter 2 inhibitors (SGLT-2i) appears to reverse 20 years of stagnation in this area. This short review summarizes the key findings in

https://www.kidneynews.org/kidney-news/findings/...

Role of sodium-glucose co-transporter-2 inhibitors in th

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Implementation of **sodium-glucose co-transporter 2 inhibitors** represents an important new therapeutic approach for the prevention of **heart failure** in at-risk **patients** with **type 2 diabetes mellitus**, and is actively being studied for use in treating **patients** with **heart failure** (with or without **diabetes**).

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The sodium-glucose co-**transporter** 2 (SGLT2) **inhibitors** are a new class of medications for the treatment of type 2 **diabetes**. This article provides an overview of efficacy and safety data for the SGLT2 **inhibitors** and outlines their **role in the management** of **diabetes**.

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The metabolic model of heart failure: the role of sodium ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6251384

Sodium glucose co-transporter 2 inhibitors: **blocking renal tubular reabsorption of glucose** to **improve glycaemic control in patients** with **diabetes**. **Int J Clin Pract**. 2008; 62 (8):1279–1284.

Author: Muhammad Saad, Umut Gomceli, Pra... **Publish Year:** 2018

Sodium Glucose Co-transporter 2 Inhibitors and Heart Failure

https://www.sciencedirect.com/science/article/pii/S0002914919310070

Sodium-glucose co-transporter 2 (SGLT2) receptors are primarily located in the **proximal convoluted tubule** of the **nephron**. These receptors are responsible for almost 90% to 95% of tubular reabsorption of