

Severe hyperchloremic metabolic acidosis with SGLT2 inhibitors in patients with urinary diversion

INTRODUCTION

URINARY DIVERSION WITH AUTOLOGOUS **INTESTINAL SEGMENTS**



Gold standard in urinary tract diseases.



Most frequent **metabolic abnormality** is hyperchloremic metabolic acidosis, due to ammonium absorption alongside chloride gain and bicarbonate excretion in the bowel conduit, as well as volume depletion due to reduced sodium absorption in the gout.

SGLT2 INHIBITORS

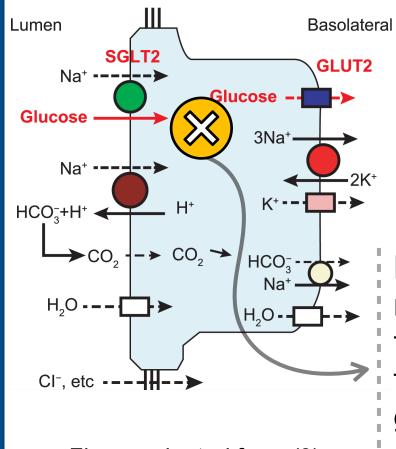


Figure adapted from (2).

- ***** Antihyperglycemic agents;
- Recently revolutionized the paradigm of chronic kidney disease.

Block the SGLT2 proteins in the tubules and the reabsorption of filtered glucose, promoting a greater urinary glucose excretion.

Correlation between the use of SGTL2 inhibitors and severe hyperchloremic metabolic acidosis in patients with bowel conduit.



Consultation of medical records.



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Hospital de Vila Franca de Xira, Portugal

