

## Patient on SGLT2 inhibitor (even if not diabetic)

**Dapagliflozin** (Forxiga, Qtern, Xigduo XR)

**Empagliflozin** (Jardiance, Jardiamet, Glyxambi)

URGENT SURGERY

REFER TO ENDO  
AND PROCEED

ELECTIVE SURGERY

Patient having

- Major surgery
- Surgery where poor glycaemic control is particularly problematic e.g. joint replacement or free flap

YES

ANAESTHETIC PAC

NO

Patient is able to report good glycaemic control

- Hba1c within 3/12 < 9.0%
- average BSL < 12

OR

patient taking SGLT 2 for non-diabetic indication

YES

Patient having **minor surgery** with maximum 24 hours of fasting or reduced intake, e.g. gastroscopy, cataract extraction

Omit SGLT-2 on day of surgery for all minor procedures  
Recommence once eating and drinking

*ON THE DAY: Check ketones  
If BGL > 15 and /or Ketones > 0.6 mmol/L consider delaying procedure*

YES

Patient having

- **Colonoscopy**
- Surgery with possible prolonged fast e.g. lap chole
- Surgery with an overnight stay where diet may be disrupted from usual
- No other reason to attend anaesthetic PAC

Patient should stop SGLT2i for 3 days  
(2 days prior to surgery and day of surgery)

*ON THE DAY: Check ketones  
If BGL > 15 and /or Ketones > 0.6 mmol/L consider delaying procedure*

NO

Patient has poor glycaemic control

- Hba1c within 3/12 > 9.0 %?
- Average BSL > 12

OR

Patient's glycaemic control is not readily available  
(> 3/12, unknown to the patient etc.)

Category 1 or 2a surgery?

NO

YES

**CALL HMO OR GASTRO REG TO OPTIMISE CONTROL OR BOOK REGARDLESS WITH ENDO BACK-UP IF VERY URGENT**

Send patient back to GP for Hba1c and optimize control

## SGLT2 Inhibitors<sup>1</sup> (gliflozins)

Need to be stopped on day of surgery and 2 days prior to that.

If on a combination preparation, may need to continue the other agent (not on the day of surgery) – will need a new script!

Brand and generic names of the products available in Australia (as of July 2021):

Empaggliflozin

Jardiance<sup>®</sup>

Empaggliflozin and Metformin

Jardiamet<sup>®</sup>

Empaggliflozin and Linagliptin

Glyxambi<sup>®</sup>

Dapaggliflozin

Forxiga<sup>®</sup>

Dapaggliflozin and Metformin

Xigduo<sup>®</sup>

Dapaggliflozin and Saxagliptin

Qtern<sup>®</sup>

Ertugliflozin

Stelagro<sup>®</sup>

Ertugliflozin and Metformin

Segluromet<sup>®</sup>

Ertugliflozin and Sitagliptin

Steglujan<sup>®</sup>

<sup>1</sup>Sodium-Glucose Co-transporter-2 Inhibitors

**Please see SGLT2 flowchart for Endocrine approved pre-operative management updated July 2021  
(new EH Clinical Practice Guideline to come out soon)**