

## T 2 DM: Insulin: Short Fast Post-op (<6hr)

### IF ON BASAL BOLUS REGIME:

- Half dose of usual prandial Insulin can be given once patient has consumed 50% of meal post-operatively
- Recommence usual insulin regime thereafter
- Continue Supplemental Insulin whilst in hospital

### IF ON PRE-MIXED INSULIN REGIME:

- Give half dose of usual pre-mixed insulin dose once 50% of meal has been consumed post-operatively.
- Recommence usual insulin regime
- Continue Supplemental Insulin whilst in hospital

## T 2 DM: Insulin: Extended Fast Post-op (>6hr)

### IF ON BASAL BOLUS REGIME:

- Continue usual basal Insulin for time patient not eating
- 4 hourly BGL
- Continue sliding scale insulin whilst not eating
- Half dose usual prandial insulin can be resumed once patient has consumed 50% of meal
- Continue Supplemental Insulin whilst in hospital
- If BGL > 15 mmol/l for 3 consecutive measurements, commence intravenous insulin according to standard protocol and contact Endocrine team.

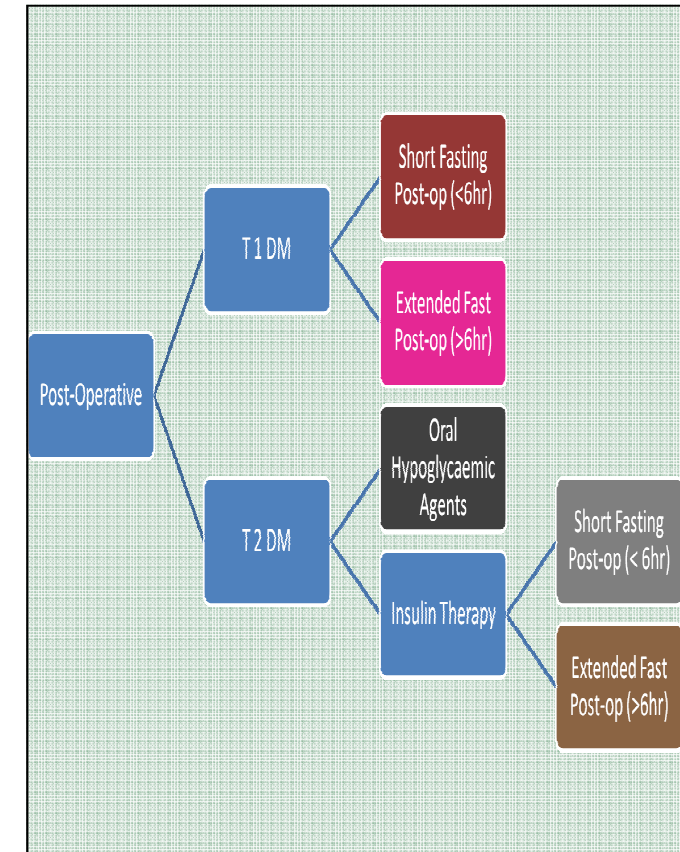
### IF ON PRE-MIXED INSULIN REGIME:

- Commence Basal Insulin (Protaphane) at 70% of usual dose of pre-mixed insulin for time patient not eating
- 4 hourly BGL
- Continue sliding scale whilst not eating
- Usual pre-mixed insulin only to be resumed once patient is eating well, otherwise continue basal insulin and add supplemental insulin.
- If BGL > 15 mmol/l for 3 consecutive measurements, commence intravenous insulin according to standard protocol and contact Endocrine team.

# Lyell McEwin Hospital

## Peri-Operative Diabetes Management Guidelines

# POST-OPERATIVE



**Short Fasting Post-op** is defined as the patient being able to eat **within** six hours after the procedure

**Extended Fasting** is defined as a period **longer** than six hours before a meal can be consumed.

# Post-Operative Management

## T 1 DM: Small Procedure

### IF ON BASAL BOLUS REGIME:

- Half dose of usual prandial Insulin can be given once patient has consumed 50% of meal post-operatively
- Recommence usual insulin regime thereafter
- Continue Supplemental Insulin whilst in hospital

### IF ON PRE-MIXED INSULIN REGIME:

- Give half dose of usual pre-mixed insulin dose once 50% of meal has been consumed post-operatively.
- Recommence usual insulin regime
- Continue Supplemental Insulin whilst in hospital

## T 1 DM: Large Procedure

### IF ON BASAL BOLUS REGIME:

- Continue Intravenous Insulin for time patient not eating
- SWAPPING to subcutaneous insulin:**
- Commence Basal Insulin at usual dose once the patient is allowed sips of water
  - DO NOT discontinue intravenous insulin unless BASAL insulin has been on board for 6 hours
  - Half dose usual prandial insulin can be resumed once patient has consumed 50% of meal
  - Continue Supplemental Insulin whilst in hospital
  - If no fluid orders specified by treating medical officer, maintenance fluid as follows:
    - If BGL <5 mmol/l – use 5% dextrose at 60 ml/h
    - If BGL 5-15 mmol/l – use 4% dextrose & 1/5 Normal saline at 60 ml/h
    - If BGL >15 mmol/l – use Normal saline at 60 ml/h

### IF ON PRE-MIXED INSULIN REGIME:

- Continue Intravenous Insulin for time patient not eating
- SWAPPING to subcutaneous insulin:**
- Commence Basal Insulin (Protophane) at 70% of usual dose of pre-mixed insulin once the patient is allowed sips of water
  - DO NOT discontinue intravenous insulin unless BASAL insulin has been on board for 6 hours
  - Usual mix only to be resumed once patient is eating well, otherwise continue basal insulin and add supplemental insulin.

## T 2 DM: Oral Hypoglycaemic Agents:

### IF ON ORAL HYPOGLYCAEMIC AGENTS

- Resume oral hypoglycaemic agents once patient is eating and renal function has been checked, alternatively continue sliding scale.