	PERI-OPERAT	IVE DIABE	TES MANAGEME	NT PLAN		
Surgery/proced	lure					
Planned procedu Elective admit/P			Parent unit			
Estimated date of	of procedure		. 🗌 AM 🔄 PM - Light	Breakfast		
Diabetes summ	nary					
Diabetes type	🗌 Туре 1	🗌 Туре 2	Other			
Medications (lis	st)					
Orals & GLP1 (subcut)						
🗌 Insulin	BasalRapidPremixed					
PLAN (See ta	ables overleaf for mana	gement guide)		NURSE CHECK		
Day before procedure	 Nil changes to dia Other, please spece 		ns <u>OR</u>	PAC Written instructions given to patient: Yes Please initial and date		
Day of procedure	2. INSULIN PLAN (Please write doses and tim	ing, see Table 2) D GLUCOSE (B0 Dml/hr if BG<	G) monitoring every 2 hrs mmol/L	DOSA or WARD Plan followed: Yes No (recommend discuss with HMO/ Anaesthetist) Nurse Please initial and date		
Post procedure/ recovery	 Return to usual reprolonged fast and (Consider referring RMH In Recommend: for all in diabetes refer to RMH 	gimen once eatii ticipated npatient Diabetes Servi nsulin pump pati	ng and drinking ce, see Table 4) ents and unstable	RECOVERY/ POST OP Plan followed: Yes Yes No (recommend discuss with HMO/ Anaesthetist) Nurse Please initial and date		

Doctor......Date.....Date.....

All Drug and IV Fluid orders must be written on inpatient medication and IV fluid charts to enable plan to be executed on surgery day Please ensure written instructions are given to the patient prior to surgery If plan not able to be completed by Anaesthetist, please ensure it is delegated to parent unit HMO

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	Trade name	Recomment		ILINS Trade name Recommend				
Generic name	Trade name		d Generic name	Trade name	AM (no breakfast)	nmend PM (light breakfast		
Biguanides			Long basal		nocte basal only*	r w (ignt breaklas		
Metformin*	Diabex (XR), Metex		Insulin glargine	Lantus, Toujeo	Usual dose night	Usual dose night		
Metorrini	Diaformin, Glucophage		Insulin detemir	Levemir	before	before		
	Glucovance		Insulin degludec		mane basal only			
Sulphonylureas					Usual mane dose	Usual mane dose		
Gliclazide	Diamicron, Glyade				bd basal	Osdal marie dose		
Gliclazide MR**	Diamicron MR				Usual nocte & half	Usual nocte & half		
Glibenclamide**	Daonil				mane dose	mane dose		
Glimepiride**	Amaryl, Dimirel		Rapid					
Glipizide	Minidiab		Insulin aspart	Novorapid	Withhold day of	Half mane dose		
Glitazones			Insulin lispro	Humalog	surgery			
Pioglitazone	Actos	Withhold on day of		Apidra				
Rosiglitazone	Avandia	procedure	Insulin regular	Actrapid				
α1Gluc inhibitors			Insulin neutral	Humulin R				
Acarbose	Glucobay		Pre-mixed					
Glitinides	-		aspart/protamine	Novomix 30	Withhold &	Administer half		
Repaglinide	Novonorm		lispro/protamine	Humalog Mix 25	substitute with	mane dose		
DDP4 inhibitors			inopi or pi o tali ini o	Humalog Mix 50	half usual dose as			
Sitagliptin	Januvia, Janumet			i landing with 50	intermediate-acting			
Vildagliptin	Galvus, Galvumet		regular/isophane	Mixtard 30/70	protaphane insulin			
Linagliptiin	Trajenta, Trajentamet		regularioophane	Mixtard 50/70	upon admission			
Saxagliptin	Onglyza, Kombiglyze		Intermediate	1111111111100/00	apon dumission			
GLP1 analogues			Basal		Half mane dose	Half mane dose		
Exenatide	Byetta, Bydureon		isophane insulin	Protaphane	nair mane uose	nan mane uose		
Liraglutide	Victoza, Saxenda		isophane insulin					
SGLT2 inhibitors				Humulin NPH				
Dapagliflozin	Forxiga, Xigduo							
Empagliflozin	Jardiance, Jardiamet		^ nocte basal ins	sulin dose can be d	ecreased by 10-20%	6 if concern of		
Canagliflozin	Invokana		hypoglycaemia	on the morning of p	procedure			
TABLE 3 PRE-SURGERY DIABETES GUIDE Withhold Non insulin meds Refer to Table 1, withhold all oral +/or injectable GLP1 medications on morning of procedure day Insulin Refer to Table 2 for recommendations to modify insulin therapy BG <4 For hypoglycaemia withhold insulin and consult doctor, consider referring to Inpatient Diabetes Service BG ≥4 Administer basal insulin subcut according to periop diabetes management plan BG ≥15 Administer 4 units Novorapid or Actrapid insulin subcut if BG ≥15, check ketones (Consider referring to RMH Inpatient Diabetes Service for advice if need to defer surgery) • Patients on insulin always need insulin, even when fasting Insulin requiring patients should be prioritised for early morning procedures • Type 1 diabetes patients on insulin pumps should be referred to RMH Inpatient Diabetes Service (Endocrinology) Intensive Monitoring BG 2 hourly whilst fasting (safe BG range 6-10mmol/I) IV Fluids† Only required if patient has received subcutaneous insulin • Commence from first missed meal (e.g. 07:00hrs) to minimise risk of hypoglycaemia.								
IV Fluids† O	Commence from first	missed meal (e.g.	07:00hrs) to minimise risk					
IV Fluids† Or • B B	Commence from first G < 6	missed meal (e.g. 00ml/hr recommen 00ml/hr optional, c ot necessary given	07:00hrs) to minimise risk ded to avoid hypoglycaem an be considered (to minin low risk hypoglycaemia	ia nise hypoglycaemia				
IV Fluids† Oi B B B • •	Commence from first G < 6 5% Dextrose 10 G 6-10 5% Dextrose 10 G >10 5% Dextrose no IV fluid type should be †There are clinical c	missed meal (e.g. 00ml/hr recommen 00ml/hr optional, c ot necessary given e tailored by treatir ircumstances wh	07:00hrs) to minimise risk ded to avoid hypoglycaem an be considered (to minin	clinical scenario.	a)	uch as those		
IV Fluids† Oi B B B • •	Commence from first G < 6 5% Dextrose 10 G 6-10 5% Dextrose 10 G >10 5% Dextrose no IV fluid type should be †There are clinical c	missed meal (e.g. D0ml/hr recommen D0ml/hr optional, c ot necessary given e tailored by treatir ircumstances wh ailure, cardiac failu	07:00hrs) to minimise risk ded to avoid hypoglycaem an be considered (to minin low risk hypoglycaemia ng doctor according to the mere 5% Dextrose may be	clinical scenario.	a)	uch as those		
IV Fluids† Oi B B B • •	Commence from first G < 6 5% Dextrose 10 G 6-10 5% Dextrose 10 G >10 5% Dextrose no IV fluid type should be †There are clinical c with end stage renal f	missed meal (e.g. 00ml/hr recommen 00ml/hr optional, c ot necessary given e tailored by treatir ircumstances wh ailure, cardiac failu TES GUIDE	07:00hrs) to minimise risk ded to avoid hypoglycaem an be considered (to minin low risk hypoglycaemia ng doctor according to the mere 5% Dextrose may be	clinical scenario.	a) n some patients , s	uch as those		
IV Fluids† Oi B B B • •	Commence from first G < 6 5% Dextrose 10 G 6-10 5% Dextrose 10 G >10 5% Dextrose no IV fluid type should be †There are clinical c with end stage renal fi ST-SURGERY DIABET	missed meal (e.g. 00ml/hr recommen 00ml/hr optional, c ot necessary given e tailored by treatir ircumstances wh ailure, cardiac failu TES GUIDE	07:00hrs) to minimise risk ded to avoid hypoglycaem an be considered (to minin low risk hypoglycaemia ng doctor according to the mere 5% Dextrose may be	ia nise hypoglycaemia clinical scenario. contraindicated i gy	a) n some patients , s	uch as those		
IV Fluids† O B B B B TABLE 4 POS	Commence from first G < 6 5% Dextrose 10 G 6-10 5% Dextrose 10 G >10 5% Dextrose no IV fluid type should be †There are clinical c with end stage renal f ST-SURGERY DIABET RECOVER	missed meal (e.g. 00ml/hr recommen 00ml/hr optional, c ot necessary given e tailored by treatir ircumstances wh ailure, cardiac failu TES GUIDE	07:00hrs) to minimise risk ded to avoid hypoglycaem an be considered (to minin low risk hypoglycaemia ng doctor according to the o nere 5% Dextrose may be are and intracranial patholo No fast	ia nise hypoglycaemia clinical scenario. contraindicated i gy TRANSFER HOI	n some patients, s	uch as those		
IV Fluids† Oi B B B B TABLE 4 PO: TABLE 4 PO: Intensive monitoring E	Commence from first G < 6 5% Dextrose 10 G 6-10 5% Dextrose 10 G >10 5% Dextrose no IV fluid type should be †There are clinical c with end stage renal f ST-SURGERY DIABET RECOVER	missed meal (e.g. D0ml/hr recommen D0ml/hr optional, c ot necessary given e tailored by treatir ircumstances wh ailure, cardiac failu TES GUIDE Y WARD	07:00hrs) to minimise risk ded to avoid hypoglycaem an be considered (to minin low risk hypoglycaemia ng doctor according to the o nere 5% Dextrose may be are and intracranial patholo No fast tds pre-meals & pre-bed	ia iise hypoglycaemia clinical scenario. contraindicated i <u>99</u> TRANSFER HO 4 hourly	n some patients, s ME WARD Prolonged fast			
IV Fluids† Oi B B B TABLE 4 PO: Intensive monitoring E IV Fluids†	Commence from first G < 6 5% Dextrose 10 G -10 5% Dextrose 10 G >10 5% Dextrose no IV fluid type should be †There are clinical c with end stage renal fi ST-SURGERY DIABET RECOVER If nil by mouth and i administered 5% Do to minimise hypogly	missed meal (e.g. D0ml/hr recommen D0ml/hr optional, c ot necessary given e tailored by treatir ircumstances wh ailure, cardiac failu TES GUIDE Y WARD nsulin extrose preferred reaemia risk	07:00hrs) to minimise risk ded to avoid hypoglycaem an be considered (to minin low risk hypoglycaemia g doctor according to the o there 5% Dextrose may be ure and intracranial patholo No fast tds pre-meals & pre-bed Nil need for 5% Dextrose	ia iise hypoglycaemia clinical scenario. contraindicated i gy TRANSFER HOI 4 hourly 5% Dextrose prefe hypoglycaemia ris	a) n some patients, s ME WARD Prolonged fast erred if insulin given k	to minimise		
IV Fluids† Oi B B B B TABLE 4 PO: TABLE 4 PO: Intensive monitoring E	Commence from first G < 6 5% Dextrose 10 G 6-10 5% Dextrose 10 G >10 5% Dextrose no IV fluid type should be †There are clinical c with end stage renal fi ST-SURGERY DIABET RECOVER 3G Hourly BG If nil by mouth and i administered 5% De	missed meal (e.g. D0ml/hr recommen D0ml/hr optional, c ot necessary given a tailored by treatir ircumstances wh ailure, cardiac failu TES GUIDE Y WARD nsulin extrose preferred (caemia risk MO if BG ≥15 as	07:00hrs) to minimise risk ded to avoid hypoglycaem an be considered (to minin low risk hypoglycaemia ag doctor according to the opere 5% Dextrose may be are and intracranial patholo No fast tds pre-meals & pre-bed Nil need for 5%	ia nise hypoglycaemia contraindicated i gy TRANSFER HOI 4 hourly 5% Dextrose prefe hypoglycaemia ris Consider basal ins	n some patients, s ME WARD Prolonged fast erred if insulin given	to minimise nsulin 4 hrly or		

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