

Intravenous Insulin and Fluid Prescription PREGNANCY AND LABOUR ONLY

TREGITATION AND LABO	OK ONE!		
For use during pregnancy and labour for ALL patients receiving Variable	Ward	Consultant	Admission Date:
Rate Intravenous Insulin Infusion (VRIII)			Disabassa Datas
NEVER use an IV syringe to draw up insulin			Discharge Date:
ALWAYS draw up insulin using an insulin syringe	Surname	First Na	me
ALWAYS continue subcutaneous intermediate* or basal insulin**			
*Intermediate: Insulatard, Humulin I, Insuman basal	Hospital Number	Date of	Birth / Age
**Basal: Lantus (Glargine), Levemir (Detemir), Tresiba (Degludec), Toujeo	AU10 A1 1		
Doctor: All prescriptions for insulin and fluids must be signed	NHS Number		
Nurse: All entries must be signed	Address	•	

		DOSING ALGOR	ITHM		ALGORITHM GUIDE				
		(Please see the guid	de below)	• ALL	ALL women with diabetes should have Capillary Blood				
Algorithm	1	2	3		cose (CBG) testing hourly in established labour or at				
	For most women	For women not controlled on algorithm 1 or needing >80 units/day of insulin	For women not controlled on algorithm 2 (after specialist advice)	least once on admission for induction of labour or elective C-Section Start VRIII and Fluids if two consecutive CBGs > ta					
CBG Levels		Infusion Rate (units/	hr = ml/hr)	(see	e below) or at the start of established labour if the				
(mmol/L)				wo	man has type 1 diabetes				
<4		STOP INSULIN FOR 20		Almaviahus 1	Mast				
	Treat h	ypo as per guideline (re-ch	eck CBG in 10 minutes)	Algorithm 1	Most women will start here				
4.0 – 5.5	0.2	0.5	1.0	Algorithm 2	Use this algorithm for women who are likely to				
5.6 – 7.0	0.5	1.0	2.0		require more insulin (on steroids; on >80 units				
7.1 – 8.5	1.0	1.5	3.0		of insulin during pregnancy; or those not				
8.6 -11.0	1.5	2.0	4.0	A 1	achieving target on algorithm 1)				
11.1 - 14.0	2.0	2.5	5.0	Algorithm 3	Use this for women who are not achieving				
14.1 – 17.0	2.5	3.0	6.0		target on algorithm 2 (No patient starts here without diabetes or medical review)				
17.1 – 20.0	3.0	4.0	7.0		without diabetes of medical review)				
					is not achieving targets with these algorithms, iabetes team (out of hours: Medical SpR on call)				
>20.1	4.0	6.0	8.0		Target CBG level = 4 – 7 mmol/L				
Signed				Check CBG	every hour whilst on VRIII and every half an hour if				
					under anaesthesia				
Print Name				Move to the h	igher algorithm if the CBG is > target and is not dropping				
Date				Move to the lower algorithm if CBG falls below 4 mmol/L or is dropping too fast					

Drug (approved name)	Dose	Volume		Route	Prescriber's Signature	Prescriber Print name	Date	SYRINGE PREPARATION		ON	
Huma Humu	n Actrapid 🔲 lin S 🗆	50 UNITS	Made up to 50m NaCl 0.9% (1 UNIT per n		IV				Prepared and administered by	Date	Time started	Time stopped
	INTRAVENOUS SUBSTRATE FLUID PRESCRIPTION											
Date	Intraven	ous Fluid a	ind Rate	Alte	rnative	Prescriber's	Nurs	e's				
				R	ate	Signature	Signa	ture				
	500 ml 0.9% NaC											
mmol/L KCl (0.15%) to run at 50 ml/hr												
	500 ml 0.9% NaCl KCl/L (0.15											
	KCI/L (0.13	1/0) to ruil a	וו אווין ווו									

PRESCRIPTION OF INTRAVENOUS MANAGEMENT OF HYPOGLYCAEMIA										
Date	Date Time Preparation Volume Route Duration Prescriber's Signature Print Name Given by: Time given									
	20% Dextrose 100 mls IV 15 mins									

	CAPILLARY BLOOD GLUCOSE MONITORING											
Date	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00
CBG												
Insulin rate												
Blood ketones												
Initials												
Date	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
CBG												
Insulin rate												
Blood ketones												
Initials												

GESTATIONAL DIABETES:

STOP VRIII and IV Substrate Fluid regime once placenta is delivered

TYPE 1 DM and INSULIN TREATED TYPE 2 DM

Reduce the rate of VRIII by HALF once placenta is delivered.

Contact diabetes team to review on-going insulin requirements

Patients with type 1 DM on insulin pumps should be referred to the Diabetes Specialist Team

TD C I D laint British	Ward	Consultant	Admission Date:
JBDS-IP Diabetes Societies for inpatient care			Discharge Date:
	Surname	First N	lame
DIABETES CARE PLANNING DOCUMENT	Hospital Number	Date	of Birth / Age
For use to communicate care plans for ALL patients with diabetes during and after pregnancy	NHS Number		
Please complete ALL required information	Address	·	
To be completed by the Diabetes Team			
ANTENATAL INFORM	ATION		
TYPE OF DIABETE	ς		

ANTENATAL INFORMATION								
TYPE OF DIABETES								
[] Type 1 DM								
Age at diagnosis	Age at diagnosis	Diagnosed:	[] OGTT: Date:	[] OGTT: Date:				
			Fasting: mmol/L	Fasting: mmol/L				
		weeks	2 hours: mmol/L	2 hours: mmol/L				

PRE-PREGNANCY DIAE	PRE-PREGNANCY DIABETES MEDICATIONS			HbA1c Record				
Medication	Dose	Time	Baseline	Date:	Value:	mmol/mol		
			Additional HbA1c:	Date:	Value:	mmol/mol		
			Notes:	Date:	Value:	mmol/mol		
				Date:	Value:	mmol/mol		
				Date:	Value:	mmol/mol		
				Date:	Value:	mmol/mol		

COMPLICATIONS DEVELOPED OR EXACERBATED BY PREGNANCY	DELIVERY DATES					
	Expected date of delivery Date for IOL Date for					

			POST NATAL PLAN				
PROPOSED POST-P	REGNANCY DIAB	ETES MEDICATIONS	DISCUSSED WITH PATIE	NT:			
(FOR TYPE 1 OR TY	PE 2 DM)		Issues:			No	Date discussed:
Medications	Dose	Time	Contraception/plan for further pregnancy				
			Arrangement for on-going diabetes care				
			OGTT arrangement				
			Lifestyle modifications				
			Completed by:				
			Name:	Designation:		9	Sign:

POST NATAL CBG MONITORING Pre-existing diabetes: as per usual practice GDM: pre-meal and 1 hour post-meal for up to 24 hours High levels (>7 mmol/L pre-meal and <11.1 mmol/L post-meal) may need a diagnostic test for diabetes Date: Pre-breakfast 1 hr after breakfast Pre-lunch 1 hr after lunch Pre-evening meal 1 hr after evening meal Pre-bed

MATERNAL OUT	OMES		POST NATAL OUTCOMES (tick ALL that applies)			
Delivery	Tick that applies	Complications	Tick ALL that applies	Stillbirth	Neonatal jaundice	
Normal		Pre-eclampsia		Baby weight >4 kg	Hypocalcaemia	
Assisted/forceps		Inadequately controlled glycaemia		Neonatal hypoglycaemia	Hypomagnesaemia	
C-section		Post-delivery hypoglycaemia		Admission to NICU	RDS	
Other:	•	Other:		Shoulder dystocia	Birth defects	
				Other:	Other:	