

Name of patient

CHI

Date of Birth

(Please attach printed label here)

Adult Insulin Prescription & Administration Record

This document is for adult patients on regular insulin treatment
For patients **not on insulin**, use the Blood Glucose Monitoring Record
For Variable Rate Insulin Intravenous Infusion (VRIII), use the VRIII chart

1

Record patient's usual insulin

Identify the insulin prescription on the Emergency Care Summary
Confirm the preparation and dose with the patient or another source

Patient's usual insulin preparation	Dose and time of administration			
	BB	BL	BE	BBed
	units	units	units	units
	units	units	units	units
	units	units	units	units

BB = before breakfast BL = before lunch BE = before evening meal BBed = before bed

2

Convert the insulin to the ward stock alternative if the patient's own insulin is not available, or the patient is not able to administer their insulin

Action	Patient's usual insulin	Ward stock
Rapid	NovoRapid, Apidra, Fiasp, Humalog, Lyumjev	NOVORAPID
Short	Actrapid, Humulin S, Insuman Rapid	ACTRAPID
Intermediate	Insulatard, Humulin I, Insuman Basal, Levemir	INSULATARD
Long	Lantus, Abasaglar, Toujeo, Tresiba	LANTUS
Fixed Mixture	Humulin M3, Humalog Mix (25, 50), Insuman Comb (15, 25, 50), NovoMix 30	HUMULIN M3

3

Prescribe the insulin using the brand name on:

- 1) the Prescription and Medicines Administration Record (electronic or paper).
The dose should be prescribed 'as charted'
- 2) this Insulin Prescription and Administration Record. Turn overleaf, prescribe the insulin preparation and specify the dose in the appropriate section

4

On discharge

Discharge patients on their usual regular insulin if they have been given an alternative ward stock during admission
Inform GP and district nursing team of any changes in preparation or dose of insulin

Name of patient

CHI

Date of Birth

(Please attach printed label here)

Insulin Prescription

Review the blood glucose daily and adjust the prescription as appropriate
If no adjustments are necessary, the prescription will remain valid for 6 days

Regular Prescription		Intermediate, Long Acting or Fixed Mixture Insulin					
Start date	Insulin preparation (in CAPITALS)	Dose and time of administration				Prescribed by (sign & print)	Discontinued by (sign, print and strike through prescription)
		BB	BL	BE	BBed		
		units	units	units	units		
		units	units	units	units		
		units	units	units	units		
		units	units	units	units		
		units	units	units	units		
		units	units	units	units		

Regular Prescription		Rapid or Short Acting Insulin					
Start date	Insulin preparation <i>(in CAPITALS)</i>	Dose and time of administration				Prescribed by <i>(sign & print)</i>	Discontinued by <i>(sign, print and strike through prescription)</i>
		BB	BL	BE	BBed		
		units	units	units	units		
		units	units	units	units		
		units	units	units	units		
		units	units	units	units		
		units	units	units	units		
		units	units	units	units		
		Self managed by continuous subcutaneous insulin pump infusion					
BB = before breakfast BL= before lunch BE = before evening meal BBed = before bed							

Once only ‘stat’ insulin prescription				Caution: stat doses of rapid acting insulin can precipitate hypoglycaemia		
Date	Time	Insulin preparation (in CAPITALS)	Dose	Prescribed by (sign & print)	Time given	Administered by
			units			
			units			
			units			
			units			
			units			
			units			
			units			

Name of patient

CHI

Date of Birth

(Please attach printed label here)

Insulin Administration & Blood Glucose Monitoring Record

Blood glucose range (excluding pregnancy): 6 to 12 mmol/L
Individual range (optional):

If the patient is unwell or has ketones above 0.6 mmol/L seek medical advice

For glucose readings less than 4 or more than 12 mmol/L, refer to the guidance for hypoglycaemia (page 5) and hyperglycaemia (page 6)

Date:

	Before Breakfast			Before Lunch			Before Evening Meal			Before Bed		
Time												
Blood glucose												
Ketones												
Insulin preparation & dose			units			units			units			units
Administered by & time given	/		time	/		time	/		time	/		time
Insulin preparation & dose			units			units			units			units
Administered by & time given	/		time	/		time	/		time	/		time

Date:

	Before Breakfast			Before Lunch			Before Evening Meal			Before Bed		
Time												
Blood glucose												
Ketones												
Insulin preparation & dose			units			units			units			units
Administered by & time given	/		time	/		time	/		time	/		time
Insulin preparation & dose			units			units			units			units
Administered by & time given	/		time	/		time	/		time	/		time

Date:

	Before Breakfast			Before Lunch			Before Evening Meal			Before Bed		
Time												
Blood glucose												
Ketones												
Insulin preparation & dose			units			units			units			units
Administered by & time given	/		time	/		time	/		time	/		time
Insulin preparation & dose			units			units			units			units
Administered by & time given	/		time	/		time	/		time	/		time

Name of patient

Date of Birth

CHI

(Please attach printed label here)

Insulin Administration & Blood Glucose Monitoring Record

Date:

___/___/___

	Before Breakfast	Before Lunch	Before Evening Meal	Before Bed
Time				
Blood glucose				
Ketones				
Insulin preparation & dose				
Administered by & time given				
Insulin preparation & dose				
Administered by & time given				

Date:

___/___/___

	Before Breakfast	Before Lunch	Before Evening Meal	Before Bed
Time				
Blood glucose				
Ketones				
Insulin preparation & dose				
Administered by & time given				
Insulin preparation & dose				
Administered by & time given				

Date:

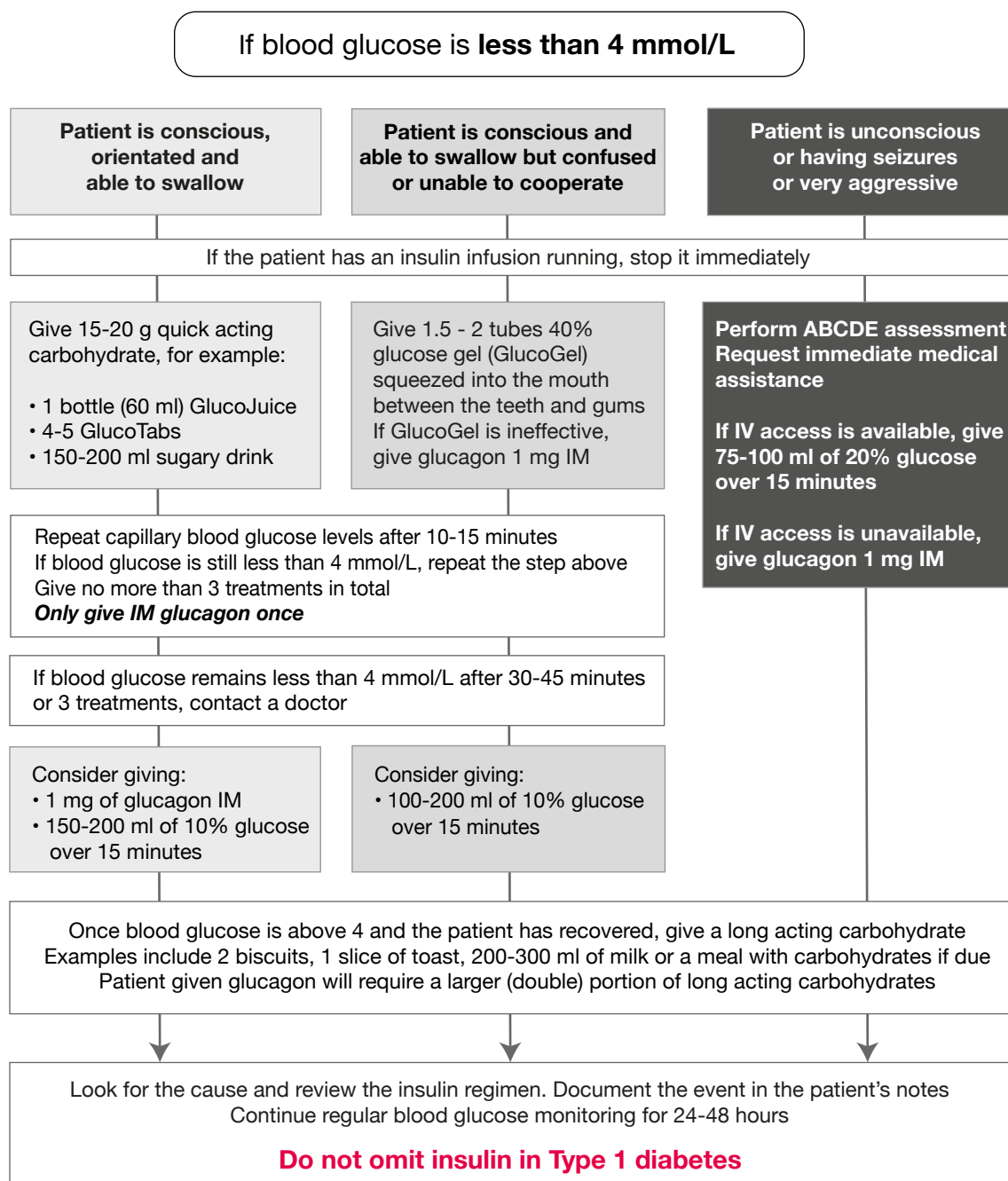
___/___/___

	Before Breakfast	Before Lunch	Before Evening Meal	Before Bed
Time				
Blood glucose				
Ketones				
Insulin preparation & dose				
Administered by & time given				
Insulin preparation & dose				
Administered by & time given				



You have reached the end of this document
Discontinue by striking through the prescription page
Review and represcribe the insulin on a new chart

Management of Hypoglycaemia



*This flowchart is intended to guide clinical staff
It is not a substitute for clinical judgement or seeking advice from the inpatient diabetes team*

Diabetes Team Contact Details

Diabetes Registrars

On call at RIE (07870 158298), WGH (07976 977402) and SJH (via switchboard)
Monday to Friday 09:00-17:00. Contact via switchboard for evenings 07:00-20:00, weekends and public holidays 09:00-17:00

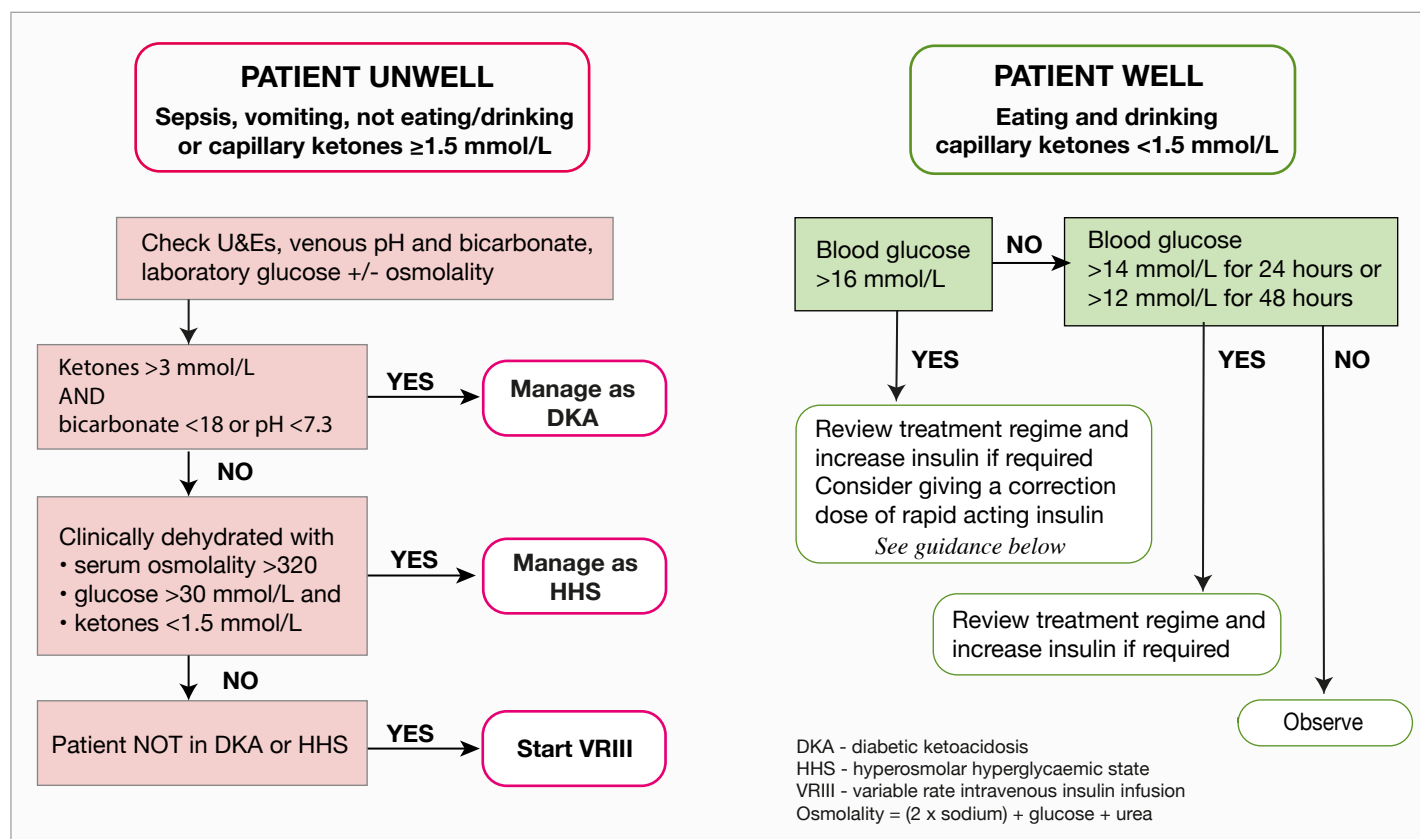
Diabetes Specialist Nurses (Monday to Friday)

RIE	Ext. 21044	Phone 0131 242 1471	Hours 09:00-17:00
WGH	Ext. 33157	Phone 0131 537 1746	Hours 09:00-17:00
SJH	07929742535	Phone 01506 523 856	Hours 08:30-16:00

Contacts and other protocols can be found at
<http://www.edinburghdiabetes.com>

Management of Hyperglycaemia

- Check capillary ketones in any unwell patient with diabetes or in a well patient with diabetes where capillary blood glucose is >16 mmol/L (>11 mmol/L in pregnancy)
- If blood ketone measurements are unavailable, please contact your diabetes department
- Identify the cause of hyperglycaemia - check for intercurrent illness, missed or incorrect doses of insulin or hypoglycaemic agents, recent meal/snack, prescription of steroids or enteral feeding
- Ensure all patients requiring intravenous insulin or repeated correction doses of subcutaneous insulin are referred to the diabetes team at the earliest opportunity



Adapted from the University Hospital of Leicester NHS Trust

Guidance for use of correction doses of rapid acting insulin

- Do not give a correction dose without considering the underlying cause for hyperglycaemia and reviewing the patient's diabetes treatment
- Check capillary blood glucose at 2 and 4 hours after a correction dose
- Do not give correction doses more frequently than 4 hourly unless on the advice of the diabetes team
- Aim to correct the glucose level to 10 mmol/L unless an alternative target is specified
- Correction doses are usually based on a correction factor of 1:3 (i.e. 1 unit of rapid acting insulin reduces the blood glucose by 3 mmol/L)

Capillary blood glucose (mmol/L)	Typical correction dose (units)
18.1 - 25	4
>25	6

- The correction factor can be estimated using the 'rule of 100' and roughly equates to 100/total daily insulin dose:
- individuals on small doses of insulin may require lower correction doses to avoid hypoglycaemia
e.g. slim individuals with Type 1 diabetes or those recently diagnosed
- higher correction doses may be required in Type 2 diabetes where the total daily insulin dose is likely to be higher

This guidance is for clinical staff and it is not a substitute for clinical judgement or seeking advice from the inpatient diabetes team