	MULTIPLE VRIII C	HARTS	CHART	OF		
	Hospital:		CRITIC	CAL CA	ARE VRIII	N Lease not reason
O: ADDRESOGR	APH Ward:		,, v,		ol/L on two or more	ls
	Cons.:		•	mally on insulir	, unable to take oral	_
	Date: / / 20)	whom adjustment of		eeding interruptions and for men is not possible	
PRESC	RIBERS			NURSES		
and Insulin Chart If the patient is on LONG 0.8 x normal dose, if clin Omit all other diabetes i Prescribe Fluid on FLUID Prescribe VRIII on VRIII F	nedication PRESCRIPTION (below)	 Sign 1 VRIII (ente IV de patie In un consi 	must always be giv ral or parenteral) o xtrose should be giv nts with diabetes to fed non-diabetics o dered with oversigl	nsulin on INSU en alongside a r IV glucose/d ven on feed br o ensure nutrit mission of IV g nt of clinical ju	ULIN RECORD (page 3) a substrate of nutrition extrose reaks in primarily NG fed tional substrate glucose/dextrose can be	Re
All fluic	WHICH FLUID TO Is must contain glucose or				mp	2
STANDARD			LTERNATIVE FLU			10
FLUID	To be prescribe	d by an e	xperienced clini	cian and rev	riewed regularly	
1 st choice in nost patients duced volume)	No concern of fluid overload	Lo	w volume / High option	Glucose	Customised Fluid To be used by diabetes tean	Sig
10% Dextrose	5% Glucose		20% Dextros	se	Prescribe on: FLUID PRESCRIPTION	IN
0.5ml/Kg/hr eal Body Weight verage 42 ml/hr)	1 ml/Kg/hr Ideal Body Weight (Average 83 ml/hr)	A	s per physician ins	truction	Specify rate: ml/hr	
Prescribed fluid	s are continuous (eg: as many ba	ags require	d until VRIII stopped	d or prescription	on changed)	_
						_

Name:

D.O.B:

HOSP N.O:

1. Write ALL usual diabete

2. If the patient is on LON

6. Consider daily de-escal

STANDARD FLUID

1st choice in most patients (reduced volume)

10% Dextrose

Ideal Body Weight

(Average 42 ml/hr)

FLUID PRESCRIPTION AND RECORD

Only required if no enteral or parenteral nutritional substrate

	PRESCRIPTION				REC	CORD	
Date	Fluid	Rate ml/hr	Sign	Date	Time	Nurse Prep.	Nurse Chk.
	Ensure background substrate	of nutrition or IV	glucose/dext	trose for th	ose on VRI	II	
	10% Dextrose						
	Nutritional substrate for duration	of NG feed break	only (sugges	ted Dextro	se 10% 42n	nl/hr)	
	10% Dextrose						

TREATING HYPOGLYCAEMIA (ON VRIII) = CBG < 4 mmol/l

IURSE LED TREATMENT

Call for HELP + Stop IV Insulin + Check A-B-C

Is patient asymptomatic or suitable for oral glucose - 4 glucose tablets or 2 glucose gels

patient symptomatic or NBM:

IV access secured

- 1. Give 20% Glucose 100 mls IV Stat
- 2. Check CBG every 15 mins
- 3. If CBG < 4 mmol/L, repeat 20% Glucose IV up to 3 times (4 Boluses in total)

OR... If NO time to secure IV ACCESS

- 1. 1 mg Glucagon IM once + Secure IV access
- 2. Give 20% Glucose 100 mls IV Stat + Check CBG every 15 mins
- 3. If CBG < 4 mmol/L, repeat 20% Glucose IV up to 3 times (4 Boluses in total)

estart VRIII once CBG>4, run VRIII at 0.2 ml/hr for 1 hour, after 1 hour follow a reduced VRIII protocol (i.e. IN to ST)

ONTINUED TREATMENT

- 1. If persistent Hypoglycaemia after 3 boluses of 20% Glucose:
 - URGENT Medical or Diabetes Team review
- 2. If Hypoglycaemia occurs with Reduced VRIII protocol use increased dose of Dextrose/Glucose

				<u> </u>					•						<u>. </u>
20% GL	UCOSE	BOLUS	Date	Time	Sign	Date	Time	Sign		G	LUCA	GON	Date	Time	Sign
100 ml	IV	BOLUS								1 mg	IM	Once in 24 hrs			
-	er trea GLYCA	_									per tre	eating CAEMIA	Oi	nce in	24 hrs
Sign		Date								Sign		Date			

TREATING HYPERGLYCAEMIA (ON VRIII) = CBG > 12 mmol/L

NITIAL TREATMENT

Check Urinary or Blood ketones

- 1. If Urinary ketones ≥ +++ or Blood ketones ≥ 3mmol/L
 - a. Follow DKA management guidelines
 - b. Urgent Medical or Diabetes Team review
- 2. If Urinary ketones ≤ ++ or Blood ketones < 3mmol/L
 - a. If patient unwell Medical Team review
 - b. Hourly Blood ketones and continue hourly CBG

CONTINUED TREATMENT

- 1. If patient has CBG > 12 mmol/L despite VRIII for three hours
 - Consider changing to an increased VRIII protocol (i.e. ST to IN)
- 2. If persistent Hyperglycaemia
 - Medical Team or Diabetes Team review

RESTARTING USUAL DIABETES MEDICATION

- Patient must be able to eat and drink normally
- Usual diabetes medication and a meal must be taken one hour before VRIII is stopped
- If LONG ACTING INSULIN was omitted, then continue VRIII till next LONG ACTING INSULIN dose given or contact Diabetes Team
- Once VRIII stopped please refer to standard CBG monitoring
- If patient is new to insulin as part of an emergency procedure consult Diabetes or Medical Team before stopping VRIII
- If patient's CBG is outside the range of 4-14 mmol/L then consult Diabetes or Medical Team prior to discharge

USUAL DIABETES MEDICATION AND A MEAL MUST BE GIVEN ONE HOUR BEFORE VRIII IS STOPPED

Middle page

VARIABLE RATE INTRAVENOUS INSULIN INFUSION PROTOCOLS (mls/hr) WRIII PRESCRIPTION AND INSULIN RECORD

Select: Protocol according to units/day. STandard protocol (CODE = ST) 24 to 100 units/day

USE CODE (in red) to prescribe VRIII opposite on VRIII PRESCRIPTION AND INSULIN RECORD

CBG mmol/L	STandard Protocol 1st choice in most				Р	RESCRIP	TION					REC	CORD					
Target range 6-12	patients Patient on 24-100 units/day	Patient on < 24 units/day Patient on > 100 To be used by USE CODE: ST. RE. IN. CU								49.5ml of 0.9% Saline with 50 units Actrapid® in a 50 ml syringe								
< 4.0	FOLLO	W TREATING HYPOGLY	CAEMIA GUIDELINES	(page 4)	VRIII CODE	Date	Time	Sign	Date	Time	Prep.	Chk.	VRIII SET UP					
4.1 - 6.0	** RATE =	0.1 ml/hr if CBG 4.1-6 and	LONG ACTING INSULIN	continued														
	0.5 **	0.2 **	0.5 **										 Use a line with anti-reflux and anti- syphon valve 					
6.1 - 8.0	1	0.5	2										 Prime line with 5ml before attaching to 					
8.1 - 10.0	2	1	4										patient					
10.1 - 14.0	4	2	6										Starting syringe volume should be 45ml					
14.1 - 19.0	5	3	7										when first attached to patient • Each new syringe must:					
19.1 - 24.0	6	4	8										Start at 45mls					
>24.1	8	6	10										 Be signed for on record opposite 					
~24.1	FOLLO	W TREATING HYPERGLY	CAEMIA GUIDELINES	(page4)									 Start before previous finished 					

If in doubt continue VRIII till prescriber review

					IV D	EXTR	OSE S	HOULI	D BE (SIVEN	DUR	ING F	EED B	REAK!	S ON I	PRIMA	ARILY	NG FE	D PA	TIENTS	WIT	H DIA	BETES	5					
Data	,	/20	Tin																										
Date	/	/20	III	ne hh:mm			<u> </u>			<u> </u>		<u></u>	<u> </u>					IF VRIII	> 12 HOU	JRS ENSU	RE A PLA	N IS IN P	LACE FOI	R WHEN A	AND HOV	V VRIII IS	TO BE ST	OPPED	
				>24.1																									
_				22 - 24			Н—	4				—	4										<u> </u>						H
/e		JIS		19 - 21.9					\vdash														\vdash						H
Level		hoı	ks)	17 - 18.9 16 - 16.9			 		-	 		\vdash	_										 					\longrightarrow	
		K CBG HOURLY change in VRIII rate for 4 hours	(BITCH face (Excluding NG feed breaks)	15 - 15.9				E CAR	ILLAR	Y BLO	OD G	LUCO	SE > 1	2 MIV	101 /I	FOR 1	HREE	НОП	RS FO	LLOW	HVDE	RGLY	CAEN	IIA Gl	IIDEL	NES			H
Se		2	q p	14 - 14.9				CAP	ILLAR	I BLC	OD G			2 19114	TOL/L	ION	IIKLL		N3 1 U			KGLI	CALIV	IIA UC		NLS			
8		ate	fee	13 - 13.9																									
<u> </u>	7	HO RIII ra	9	12 - 12.9																									
Blood Glucose	$\overline{\leq}$	* *	J B	11 - 11.9																									
ਰ	mmol/	BG	ıdir	10.1 - 10.9																									
8		CE	clu	9 - 10			↓	<u> </u>	Ļ	<u> </u>	Ļ.,														<u> </u>		<u> </u>		<u> </u>
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		5 0	ace .	7 - 7.9						 	<u> </u>		1												<u> </u>		<u> </u>	\longrightarrow	
E C		CHEC hourly if no	H f	6 - 6.9 5 - 5.9																									
<u></u>		☆ ≥	<u> </u>	4.1 - 4.9				+	F SYN	ЛРТО	MATI	COF	HYPOG	LYCA	EMIA	AND	NBM	CONS	IDER	50 ML	SOF	20% G	LUCC	SE ST	AT			\vdash	H
<u>.</u>		nou	(B	3 – 4.0																									
Capillary		2 7		2 – 2.9					IF CA	PILLA	RY BL	OOD	GLUC	OSE <	4.0 N	MOL	/L FO	LOW	THE F	IYPOG	LYCA	EMIA	GUID	ELINE	S				
				1-1.9																									
				0 – 0.9																									
VRIII Pro	otocol	in use ((ST, RE	, IN, CU)																									
Insulin i	infusio	n rate		mls/hr																									
		o be infus	sed	ml			<u> </u>	<u> </u>	<u> </u>		<u> </u>	igsqcup	<u> </u>	<u> </u>													<u> </u>		ь—
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Indicate	Nutrit	tion (PC	o, NG,	PN, IV)			↓		<u> </u>		<u> </u>	↓		<u> </u>			 								<u> </u>				
Nurse's	Signat	ure															I	VRIII >	12 H	OURS	CHE	CK U+	E, CH	ANGE	FLUID) AS A	PPRO	PRIA	ſΕ