

1

Hypoglycaemia (hypo) : Glucose below 4mmol/l

2

Give hypoglycaemia treatment
Wait 15-20 minutes and recheck glucose
Go to 3a or 3b

3a

Glucose still below 4mmol/l
Repeat step 2 until above 4mmol/l. **Then go to 3b**

3b

Glucose above 4mmol/l
Check glucose **20-30 minutes later** to ensure level of over 4mmol/l is maintained

Amount of hypoglycaemia treatment (dextrose/glucose) required on HCL pump therapy

Fast acting glucose	Carbohydrate (g)	Pre-school 2-3g	Primary School (5-10yr) 5-6g	Secondary (10-18yr) 7-9g
Lift® glucose chewable	3.7g per tablet	-	2	2
Lucozade Energy® tablets	3g per tablet	-	2	3
Dextrose /Glucose tablet e.g. Dextro® Energy	3.3g per tablet	-	2	3
Lucozade® Energy Orange (contains caffeine)	8.4g per 100ml	-	60ml	90ml
Lift® liquid glucose shot	15g per 60ml bottle	10ml	20ml	30ml
Dextrose /glucose powder	91g carb /100g powder	3g weighed + water	6g weighed +water	9g weighed +water
Glucose 40% oral gel e.g. Glucogel®	10g per tube	1/4 a tube	1/2 tube	1 tube

It is important to understand why hypos are happening particularly if it is more than once a day, overnight ,or at a regular time of day.

Please contact Diabetes Team to discuss insulin dose changes.



If alerted to a sensor glucose level below 4mmol/l when eating a meal. No hypo treatment is usually required. However if symptomatic or glucose below 3.5mmol/l with a downward arrow, usual glucose treatment can be considered.

CONTACT DETAILS

Mon-Fri 9am—5pm: **Paediatric diabetes team office** 01225 825331 | Out-of-hours: **Paediatric registrar on-call** via the RUH Switchboard: 01225 428331 **In an emergency you may need to call an ambulance 999**