Special Care Nursery management of infants with risk factors for or diagnosis of hypoglycaemia

Is Admission BGL ≥ 1.5mmol/L?

Yes

Feed (60ml/kg/day)

Repeat BGL

BGL ≥ 2.6

Feed 3 hourly (60 ml/kg)
Consider PNW if 3 consecutive BGL ≥ 2.6 and sucking feeds
Complement BF

BGL 1.5 to 2.5

Feed 2 hourly
Increase to 90ml/kg/day

BGL ≥ 2.6mmol/L

Change to 3 hourly feeds after 24hrs if BGL ≥ 2.6 mmol/L
Complement BF’s

No

Any BGL < 1.5

Insert IV: 10% glucose (60–90ml/kg/day)
BGL < 1.5 Give bolus: 10% glucose (2–3 ml/kg)

BGL < 2.6mmol/L

Consider IM Glucagon if no IV access

BGL ≥ 2.6mmol/L

• If BGL ≥ 2.6, repeat before next feed or 3 hourly if infant nil orally
• If BGL < 2.6 repeat in 1 hour or as ordered by Paediatric team
• Measure BGL prior to feed if feed due
• Discontinue BGL monitoring when 3 consecutive BGL ≥ 2.6 and on full enteral feeds
• Recommence BGL monitoring if indicated with change in feeding regime or clinical condition