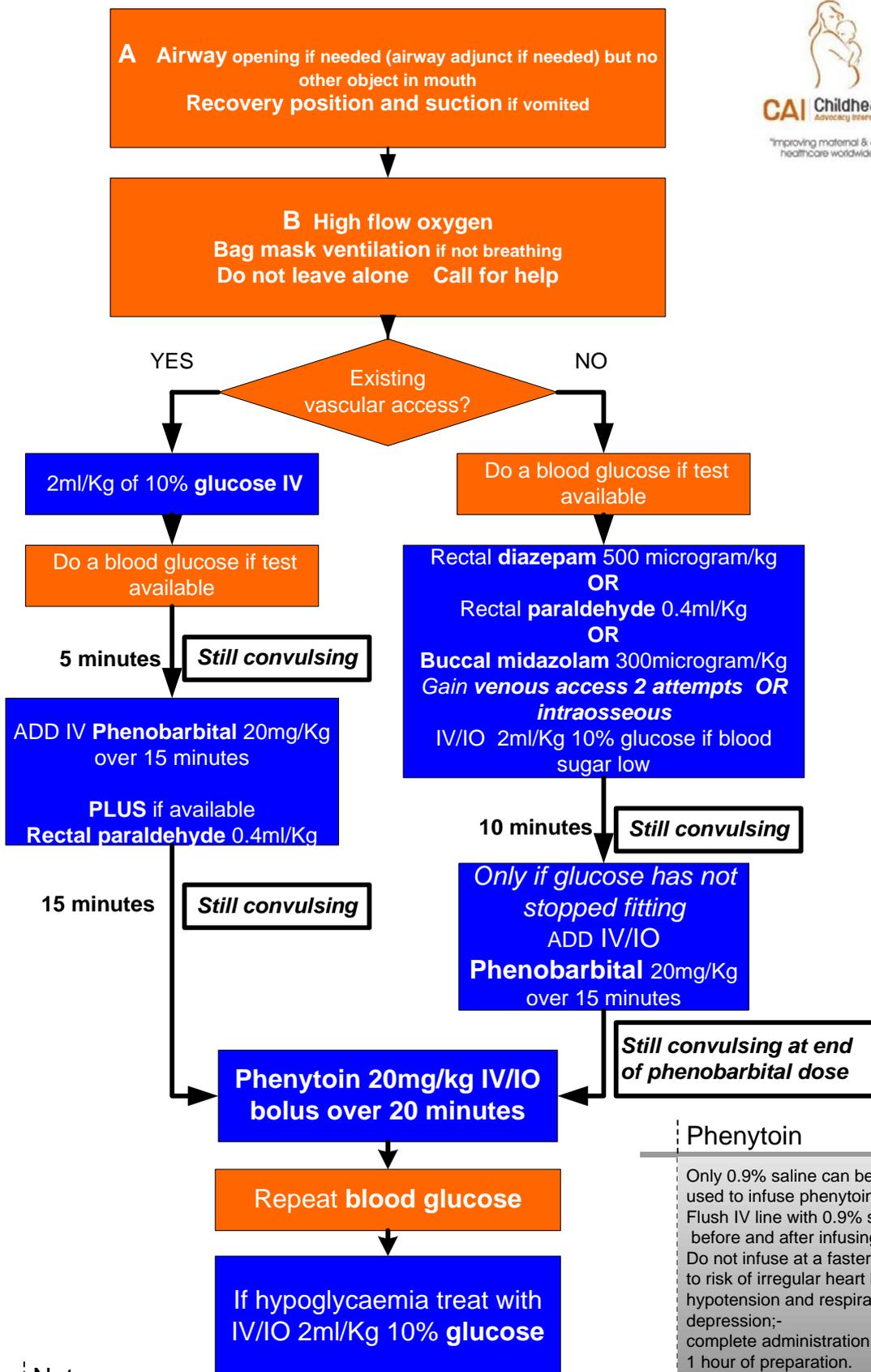


# Prolonged Fitting<sup>A</sup> in the neonate (< 4 weeks of age)

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### Phenytoin

Only 0.9% saline can be used to infuse phenytoin. Flush IV line with 0.9% saline before and after infusing. Do not infuse at a faster rate due to risk of irregular heart beat, hypotension and respiratory depression;- complete administration within 1 hour of preparation.

### Notes

- A. Indications: still fitting when seen or if already in hospital where onset of fit is seen and generalised convulsion lasting >10-15 minutes or repeated convulsions without return of consciousness between fits
- B. Hypoglycaemia is blood glucose <2.5 mmol/l (45mg/dl) if well nourished and <3.0mmol/l (55mg/dl) if severe malnutrition
- C. If blood glucose cannot be measured treat as hypoglycaemia
- D. If hypoglycaemia has been present give feed (milk or sugar water) orally or NG when conscious. To make an oral or NG sugar solution dissolve 4 level teaspoons of sugar (20g) in 200ml of clean water
- E. If IV/IO glucose does stop fitting, repeat blood glucose 30 minutes later.