



NEONATAL MEDICATION PROTOCOLS

GLUCAGON
 Created by: NCCU
 Date for review: Aug 2016

NCCU Clinical Guidelines
 KEMH/PMH
 Perth, Western Australia

DRUG:	GLUCAGON
PRESENTATION:	Vial: 1mg powder with 1mL syringe of Water for Injections as diluent.
ACTION & INDICATION:	A pancreatic hormone which increases blood glucose concentrations by stimulating hepatic glycogenolysis For prolonged hypoglycaemia unresponsive to routine therapy
DOSE:	IV, IM, SC 200 microgram/kg (Maximum dose 1mg) Dose may be repeated in 20 mins if required. Intravenous Infusion: 5-20 microgram/kg/hour
PREPARATION:	Dilute powder with diluent supplied. = 1000 microgram/mL To prepare infusion: Dilute the contents of reconstituted vial to 50mL with 10% glucose solution to make a 1000 microgram/50mL solution. 0.5mL/kg/hour = 10 microgram/kg/hour
ADMINISTRATION:	Subcutaneous: As per NCCU policy Intramuscular: As per NCCU policy Intravenous: over 3-5 minutes Intravenous infusion: via syringe pump
COMMENTS:	Monitor plasma glucose levels and adjust drug dose accordingly. 1mg is equivalent to 1 unit of activity.
REFERENCES:	Neofax 2012 BNF for Children 2013
DATE:	August 2013