

NEONATAL PARENTERAL NUTRITION PRESCRIPTION

Bespoke PN only

DAY OF TPN	1	2	3	4	5	6	7	8
DATE OF INFUSION								
WORKING WEIGHT [kg]								
OVERALL FLUID VOLUME ml/Kg/day (a)								

Lipid phase

SMOF with vits		Dose (g/kg/day)	1/2/3	1/2/3	1/2/3	1/2/3	1/2/3	1/2/3	1/2/3
		Volume (ml/kg/day)	6/12/18	6/12/18	6/12/18	6/12/18	6/12/18	6/12/18	6/12/18
Rate change document on Badger net	(max 1.9ml/hr)	rate ml/hr							
		sign							
	(max 1.9ml/hr)	rate ml/hr							
		sign							
To be completed by nurses		Batch number/expiry date							
		Administered by/checked by							
		Start time/End time							
		Rate change implemented by							
		Time of change							

NB bags changed every 24hours

Bespoke PN Bag

AQUEOUS PN		VOLUME	ml/Kg/day						
Protein g/kg/d = Nitrogen g/kg/d x 6.25		Nitrogen	g/Kg/day						
		Glucose	% (max 18g/kg/day)						
		Sodium	mmol/Kg/day						
		Potassium	mmol/Kg/day						
		Calcium	mmol/Kg/day						
		Magnesium	mmol/Kg/day						
		Phosphate	mmol/Kg/day						
		Acetate	mmol/Kg/day						
		Peditrace	ml/Kg/day						
	/Kg/day						
Max 1ml/100ml		Rate ml/hr							
Available on bespoke pn									
To be completed by nurses		Batch number/expiry date							
		Administered by/checked by							
		Start Time /End time							
		DOCTOR'S SIGNATURE							
		PHARMACIST'S SIGNATURE							
		Order no.							

Routine Monitoring

Blood glucose 1-2 hours after start or change of PN Bag

pH, K⁺, Cl⁻ & Ca²⁺ daily during initiation and escalation then twice weekly thereafter

Triglycerides & PO₄³⁻ Daily whilst increasing dose then weekly once stable

LFT's weekly

Prescribing notes

- Bespoke PN is rarely required and should only be prescribed in discussion with neonatal consultant and Neonatal Pharmacist. Complete all sections ensuring that the volume reflects the volume for aqueous phase of PN only!
- Complete for All patients ensuring rate/hr is calculated for the patient. Standard volume has been assumed but if standard regime needs to be adjusted for triglyceride levels then amend dose and volume/kg/day
- Sign prescription

Full guidelines can be found on policy centre

IF CALCIUM OR PHOSPHATE REQUIRED - PN MUST TEMPORARILY BE STOPPED

Stick over complex Prescription area of Drug chart. Not valid as a stand alone prescription