

**OUT OF HOURS TPN PRESCRIPTION**

**FOR USE VIA A MIDLINE OR CENTRAL LINE ONLY**

FORENAME	FAMILY NAME	DOB
HOSPITAL NO.	CONSULTANT	WARD
DATE STARTED		

**KABIVEN 5 BAG  
THE CONTENT OF A FULL BAG IS**

Volume (ml)	Nitrogen (g)	Glucose (kcal)	Fat (kcal)	Sodium (mmol)	Potassium (mmol)	Calcium (mmol)	Magnesium (mmol)	Phosphate (mmol)
1440	5.4	400	500	32	24	2	4	11

**THE ABOVE SOLUTION SHOULD BE INFUSED FOR 24 HOURS AT A RATE OF 60 ml PER HOUR (TO AVOID REFEEDING SYNDROME)**

Doctor's signature ..... Date .....

DATE	BATCH NO.	TIME PUT UP	SIGNED	TIME TAKEN DOWN	SIGNED	VOLUME GIVEN (ml)

**PLEASE CONTACT PHARMACY ON 6706 ASAP DURING NORMAL WORKING HOURS TO ENSURE REVIEW BY NUTRITION SUPPORT TEAM**

## Use of out of hours Parenteral Nutrition (TPN)

1. Parenteral nutrition is a treatment that very rarely needs to be commenced in an 'emergency'. Perhaps the only situation in which the treatment may need to be started is if a patient is transferred from another hospital already on TPN (usually from one ITU to another). Parenteral nutrition is best started following review by the Nutrition Support Team during their ward round.
2. Should parenteral nutrition be requested out of hours then it is available from the Pharmacy 'emergency cupboard'.
3. The only type of bag available out of hours is a 'Kabiven 5'. This is a 1.44 litre bag and contains 5.4g nitrogen and 1000 total calories, sodium = 32 mmol, potassium = 24 mmol, calcium = 2 mmol, magnesium = 4 mmol and phosphate = 11 mmol. No further additions (eg vitamins / trace elements) will be added for an on call request. It should be infused through a dedicated midline or lumen of a central line via a pump over 24hrs with strict aseptic technique whenever the line is handled.
4. U+E, glucose, LFT, calcium, magnesium and phosphate levels should be measured prior to commencing TPN.
5. Thiamine supplementation (Pabrinex) should be considered prior to commencing TPN if the patient is malnourished.
6. A prescription for Kabiven 5 needs to be signed by the doctor (any grade) requesting the TPN.

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