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PEDIATRIC PARENTERAL NUTRITION FORM

| | | | | | | | |
|-------|-----------------------|-----------------|-------------------|-----|--------------|------|--|
| DATE: | TIME: (Military Time) | PATIENT WEIGHT: | GM | | | | |
| NA: | K: | CL: | CO ₂ : | CA: | PHOSPHOROUS: | BUN: | |

PATIENT IDENTIFICATION

TPN ORDERS FOR NEXT 24 HOURS

PHARMACY CALCULATIONS

FACTOR x 2 (All items below)

VOLUME = _____ ml

PROTEIN _____ GM
(Trophamine 6%)

VOLUME = 100 x _____ (GM Needed)
6

DEXTROSE _____ %/24Hr
(Dextrose 70%)

VOLUME = _____ x _____
Total Volume % Requested
70

ADDITIVES

VOLUME = _____ ml

| | | |
|-------------------------------------|-------------|----------|
| Sodium Chloride (2.5 meq / ml) | _____ meq. | _____ ml |
| Sodium Acetate (2 meq / ml) | _____ meq. | _____ ml |
| CA Gluconate (0.465 meq / ml) | _____ meq. | _____ ml |
| Magnesium Sulfate (4.06 meq / ml) | _____ meq. | _____ ml |
| Potassium Phosphate (3 mmol / ml) | _____ mmol | _____ ml |
| Potassium Acetate (2 meq / ml) | _____ meq. | _____ ml |
| Potassium Chloride (2 meq / ml) | _____ meq. | _____ ml |
| Multivitamin (Pediatric) | _____ ml | _____ ml |
| M T E - 4 (1 ml) | _____ ml | _____ ml |
| Heparin | _____ units | _____ ml |

INTRALIPID =

_____ % at _____ ml / hr X _____ hr

TOTAL VOLUME _____ ml

Sterile Water _____ ml

INFUSION RATE _____ ml / hr

Total Volume (24 hrs) _____ ml

| | | |
|-----------------------------|-----------------------|---------------|
| TIME NOTED: (Military Time) | RN SIGNATURE / TITLE: | MD SIGNATURE: |
|-----------------------------|-----------------------|---------------|

- Potassium should usually be administered as Kphos and Kacetate. Using KCL may result in hyperchloremia and metabolic acidosis.
- One mM of Kphos will provide 1.44 meq of Potassium. This needs to be subtracted from the total Potassium requirement.

- Protein: Start with 1gm / kg / day. Do not exceed 3.5 gms / kg / day.
- Dextrose: Start with 10gm / kg / day. Advance by 10% per day as tolerated.

If the concentration is greater than D12.5%, central TPN may be required for adequate caloric intake if fluid restriction is required.

DAILY REQUIREMENTS

Dextrose 10 - 30 gm / kg / day
Protein 1.0 - 3.5 gm / kg / day
NA 3 - 4 meq / kg / day
K 2 - 3 meq / kg / day
CA 1 - 2 meq / kg / day
MG 0.5 - 1 meq / kg / day
Phosphorous 1 - 2 mM / kg / day
Trace Elements 0.1 or 0.2 ml
Heparin 1 unit / 5 ml of TPN
Multivitamins 2 ml / kg / day ;
5 ml / day > 2.5 kg

PART OF THE MEDICAL RECORD