



Sample Medical Orders (EN Only)

This patient is enrolled in _____ IRB study ID#, 'A Randomized Trial of Supplemental Parenteral Nutrition in Under and Over Weight Critically Ill Patients' (The TOP-UP study).

Hourly target rate of EN is ___ ml/hr

- Start standard enteral solution of 1.2 ± 0.2 kcal/ml within 24-48 hrs of ICU admission at 25 ml/hr.
- Advance rate by 25 ml every 4 hrs until target rate has been achieved.
- Follow Enteral Nutrition Algorithm to minimize interruptions i.e.
 - monitor gastric residual volumes q 4 hrs
 - consider use of motility agents & small bowel feeding if gastric residual volumes repeatedly > 250 mls
 - elevate the head of the bed to 45 degrees
- Blood work: as per usual practice
- Record all hourly EN infusions in medical chart



Sample Medical Orders (Supplemental PN group)

This patient is enrolled in _____ IRB study ID#, 'A Randomized Trial of Supplemental Parenteral Nutrition in Under and Over Weight Critically Ill Patients' (The TOP-UP study).

Hourly target rate of EN or PN (i.e. Olimel) or combined EN + PN is 80 ml/hr

- If not on EN, start Olimel at 25 ml/hr (or higher) and advance by 25 ml (or faster) every 4 hrs until target rate has been achieved.
- If EN is started while patient is on Olimel, start standard enteral solution of 1.2 ± 0.2 kcal/ml at 25 ml/hr (or higher) and advance by 25 ml q 4 hrs (or faster) so that EN + PN = hourly target rate (80 ml/hr).
- Adjust PN hourly so that EN + PN = 80 mls/hr.
- Check blood glucose q4h; insulin drip to maintain blood glucose (BG) at <10 mmol/l (180 mg/dL) or according to acceptable local ranges. Do not advance EN or PN until BG within the desired range.
- Maintain EN+PN total at target rate (80 ml/hr) for 7 days from randomization.
- Follow Paired Feeding Algorithm to minimize interruptions i.e.
 - monitor gastric residual volumes q 4 hrs
 - consider use of motility agents & small bowel feeding if gastric residual volumes repeatedly > 250 mls
 - elevate the head of the bed to 45 degrees
- Record all EN and PN infusions given on the Medication Administration Record as "TOP UP supplement" as mls/hour.

Sample Medical Chart Entry

This patient is enrolled in IRB study ID#, 'A Randomized Trial of Supplemental Parenteral Nutrition in Under and Over Weight Critically Ill Patients' (The TOP-UP study). Patient met all the inclusion criteria and none of the exclusion criteria as confirmed with Dr. _____.

Consent obtained from _____ (relationship to patient) on dd/mmm/yyyy at time hrs. All questions & concerns addressed with patient/family member at this time. Copy of consent was given to patient/family member.

Date/time of entry: _____

Signature of Research Coordinator: _____