

CARE4 MODULE NAME: OM Order management

Change to TPN protocol:

Overview:

This document will provide information regarding the new changes to the RVH TPN protocol. Go Live Date April 5th, 2022

1. The current TPN protocol shows all the electrolytes in the TPN bag

Electrolytes		Electrolytes	
Sodium (mmol/L):		Acetate (mmol/L):	
Potassium (mmol/L):		Chloride (mmol/L):	
Magnesium (mmol/L):		Zinc (mmol/L):	
Calcium (mmol/L):		Sulfate (mmol/L):	
Phosphate (mmol/L):			

2. When the custom electrolyte option is chosen, all the electrolyte fields become editable for the ordering provider to adjust as needed. Typical electrolyte targets are Sodium, Potassium, Magnesium, Calcium and Phosphate levels. Acetate, Chloride, Zinc and Sulfate levels are not often set as targets. As a result, when a customized electrolyte bag is chosen, these are not adjusted or recalculated. This has a high risk for error as the values on the protocol do not match the values in the bag



3. In discussion with Dietitians, Pharmacists and Surgeons, the decision was made to remove these fields and instead have a reference text as to the amount of electrolytes in a typical bag

Electrolytes		Standard extended electrolytes	
Sodium (mmol/L):		For 1200 mL bags (mmol/L):	For 1500 or 2000 mL bags (mmol/L):
Potassium (mmol/L):		Acetate: 66	Acetate: 104
Magnesium (mmol/L):		Chloride: 22	Chloride: 35
Calcium (mmol/L):		Zinc: 0.025	Zinc: 0.04
Phosphate (mmol/L):		Sulfate: 3.2	Sulfate: 5

For custom electrolyte TPN bags, extended electrolytes will vary from values listed above. If these electrolytes need to be customized, please indicate in the additional comments below

If any of these electrolytes need to be adjusted, it can be noted in the "Additional Comments section at the bottom

Additional comments:

4. In addition to the protocol change, there will be a visual change on the label:

Previous state

Change

5. The resulting change should have no effect on Ordering Providers, nursing staff or pharmacists. However, if you have this set personalized or favoured, we ask that you refavourite the set after the Go Live date to ensure the changes to the protocol are reflected