



TPN formulations comparison

	Kabiven 3:1 (Central Formula)	Clinimix E 2:1 (Central Formula)	Clinimix E 2:1 (Peripheral Formula)
Sodium	32 mEq/L	35 mEq/L	35 mEq/L
Potassium	23.5 mEq/L	30 mEq/L	30 mEq/L
Magnesium	8 mEq/L	5 mEq/L	5 mEq/L
Phosphorus	10 mmol/L	15 mmol/L	15 mmol/L
Calcium	4 mEq/L	4.5 mEq/L	4.5 mEq/L
Acetate	39 mEq/L	70 mEq/L	51 mEq/L
Chloride	46 mEq/L	39 mEq/L	39 mEq/L
Protein	34 g/L = 136 kcal/L	42.5 g/L = 170 kcal/L	27.5 g/L = 110 kcal/L
Dextrose	100 g/L = 340 kcal/L	250 g/L = 850 kcal/L	50 g/L = 170 kcal/L
Lipids	40 g/L = 400 kcal/L	<i>(no lipids - see note below)</i>	<i>(no lipids - see note below)</i>
Total calories	876 kcal/L	1,020 kcal/L	280 kcal/L

Supplemental 20% lipids = 2,000 kcal/L

- 500 mL administered 3x weekly adds 3,000 kcal/week
- 250 mL administered 3x weekly adds 1,500 kcal/week