

**Table S1:** Composition of 3-in-1 standardized parenteral nutrition solutions.

	<b>Solution 1</b>	<b>Solution 2</b>	<b>Solution 3</b>
<b>Volume, mL</b>	250	400	400
<b>Osmolarity, mOsm/L</b>	714	780	960
<b>Per 100 ml</b>			
<b>Total calories, kcal</b>	49	61	74
<b>Glucose, g</b>	8	9	10.7
<b>Amino acids, g</b>	2	2.2	2.7
<b>Lipids, g</b>	1	1.8	2.2
<b>Sodium, mmol</b>	2	2.2	2.5
<b>Potassium, mmol</b>	2	1.4	1.7
<b>Magnesium, mmol</b>	0.3	0.2	0.2
<b>Calcium, mmol</b>	1.3	0.8	1.2
<b>Phosphate, mmol</b>	1	1	1.2
<b>Chloride, mmol/l</b>	1.6	1.6	2.1
<b>Carnitine, mg</b>	8	8	5.7
<b>Vitamin A, IU</b>	460	460	320
<b>Vitamin D<sub>2</sub>, IU</b>	80	80	56
<b>Vitamin E, IU</b>	1.4	1.4	1
<b>Phytomenadione, µg</b>	40	40	28
<b>Ascorbate, mg</b>	11	11	8
<b>Thiamine, µg</b>	250	250	175
<b>Riboflavine, µg</b>	360	360	250
<b>Pyridoxine, µg</b>	400	400	280
<b>Nicotinamide, mg</b>	4	4	2.8
<b>Pantothenate, mg</b>	1.6	1.6	1.1
<b>Biotin, µg</b>	6	6	4
<b>Folate, µg</b>	40	40	25
<b>Cyanocobalamine, µg</b>	0.5	0.5	0.3
<b>Zinc, µg</b>	60	100	315
<b>Copper, µg</b>	12	20	13
<b>Manganese, µg</b>	0.3	0.5	0.3
<b>Iodine, µg</b>	0.6	1	0.6
<b>Selenium, µg</b>	1.2	2	1.3