



**Table S1.** The active ingredients of TPN solution.

Essential Amino Acids (g)		Non-essential Amino Acids (g)	
L-Phenylalanine	2.9	L-Alanine	3.2
L-Isoleucine	4.9	L-Arginine	7.3
L-Leucine	8.4	L-Proline	4.1
L-Lysine (*)	4.9	L-Serine	2.3
L-Methionine	2.0	Glycine	2.2
L-Threonine	2.5	L-aspartic acid	1.9
L-Tryptophan	1.2	Glutamic acid	3.0
L-Valine	4.7		
L-histidin	2.9		
L-Cysteine.HCl.H2O	0.2		
Taurine	0.15		
L-Tyrosine (**)	1.4		

Table lists the ingredients contained per 1000 ml of solution Thp, 6% solution for infusion, Baxter S.p.A. (\*) Added as lysine acetate 6.9 g/l. (\*\*) As L-Tyrosine 0.4 g and N-acetyl-Tyrosine 1.2g.