

Supplementary Data

S1. Arterial plasma NEFA composition in C, HL, C+GN and HL+GN groups receiving TPN for 3 days before a study

	C	HL	C+GN	HL+GN
14:00		0.2±0.2		0.1±0.1
16:00	10.6±0.9	35.2±1.2* ^a	14.6±3.1	37.8±3.0* ^a
16:01	0.2±0.3		1.4±2.0	0.8±0.5
18:00	5.9±3.7	19.5±0.9* ^a	7.5±2.0	17.3±1.2* ^a
18:01	11.1±2.0	56.1±3.3* ^a	19.3±10.0	57.8±6.1* ^a
18:02	14.6±2.7	137.0±3.8* ^a	24.2±5.5	137.5±16.3* ^a
18:03	0.9±0.6	20.7±1.7* ^a	2.6±0.8	21.8±3.8* ^a
20:03				
20:04	0.3±0.3	2.0±1.0	1.0±1.4	3.0±0.8*

Data are expressed as means ± SE. NEFA, nonesterified fatty acids (ug/ml).

**P* < 0.05 compared with C. ^a *P* < 0.05 compared with C+GN.

S2. Arterial plasma Triglyceride fatty acid composition in C, HL, C+GN and HL+GN groups receiving TPN for 4 days.

	C	HL	C+GN	HL+GN
14:00	5.2±2.1		1.0±0.6	0.9±1.1
16:00	129.5±55.3	52.9±17.5	77.4±25.7	77.9±19.8
16:01	7.9±1.2	3.5±2.1	3.6±1.7	4.6±2.9
18:00	33.2±3.9	24.5±6.7	26.2±8.1	33.8±8.7
18:01	87.2±36.2	96.3±34.6	126.8±40.3	143.6±41.2
18:02	199.1±19.4	249.1±93.6	286.84±94.3	370.4±110.8
18:3w3	21.6±3.9	30.8±13.6	35.5±11.8	42.9±15.2
20:03	1.2±1.4		0.8±0.7	1.1±1.3
20:04	29.5±2.8	27.6±10.9	32.1±13.2	31.5±3.7
20:05	1.4±1.6	4.8±3.3	1.94±1.01	4.8±3.1
22:04	1.1±1.3	0.7±0.9	1.2±1.0	0.8±1.0
22:05	2.4±1.6	1.0±1.3	2.8±1.8	3.0±1.9

Data are expressed as means ± SE. Triglyceride (µg/ml).