

Study or Subgroup	PN GLN			Control			Weight	Mean Difference	IV, Random, 95% CI	Year	Mean Difference	IV, Random, 95% CI
	Mean	SD	Total	Mean	SD	Total						
2.4.1 Patients on PN												
Fuentes-Orozco 2004	7.2	9.2	17	7.3	4.5	16	7.5%	-0.10 [-5.00, 4.80]	2004			
Zhang	11.73	6.57	22	13.39	5.08	22	9.3%	-1.66 [-5.13, 1.81]	2007			
Perez-Barcena 2008	22.9	20.6	15	20.5	16	15	2.2%	2.40 [-10.80, 15.60]	2008	←		→
Cai	22.1	4.9	55	23.8	5.1	55	11.1%	-1.70 [-3.57, 0.17]	2008			
Fuentes-Orozco 2008	11	11.7	22	11.14	7.41	22	6.6%	-0.14 [-5.93, 5.65]	2008			
Estivariz	12	2	32	23	6	31	10.7%	-11.00 [-13.22, -8.78]	2008	←		
Cekman	19.2	12	15	27.4	12	15	4.2%	-8.20 [-16.79, 0.39]	2011	←		
Ziegler	17.5	14.6	75	13.6	10	75	8.6%	3.90 [-0.10, 7.90]	2013			
Subtotal (95% CI)			253			251	60.3%	-2.30 [-6.50, 1.90]				

Heterogeneity: $\tau^2 = 28.82$; $\chi^2 = 66.39$, $df = 7$ ($P < 0.00001$); $I^2 = 89\%$
 Test for overall effect: $Z = 1.07$ ($P = 0.28$)

2.4.2 Patients on EN

Palmese	12	4.6	42	13	3.4	42	11.2%	-1.00 [-2.73, 0.73]	2006			
Luo	7.6	0.7	11	6.9	0.9	9	11.9%	0.70 [-0.02, 1.42]	2008			
Ozgultekin	11.8	5.9	20	17.3	16.4	20	4.9%	-5.50 [-13.14, 2.14]	2008	←		
Eroglu	14	2	20	15	2	20	11.6%	-1.00 [-2.24, 0.24]	2009			
Subtotal (95% CI)			93			91	39.7%	-0.47 [-1.84, 0.90]				

Heterogeneity: $\tau^2 = 1.11$; $\chi^2 = 9.32$, $df = 3$ ($P = 0.03$); $I^2 = 68\%$
 Test for overall effect: $Z = 0.67$ ($P = 0.50$)

Total (95% CI) **346** **342** **100.0%** **-1.91 [-4.10, 0.28]**

Heterogeneity: $\tau^2 = 10.34$; $\chi^2 = 108.58$, $df = 11$ ($P < 0.00001$); $I^2 = 90\%$
 Test for overall effect: $Z = 1.71$ ($P = 0.09$)
 Test for subgroup differences: $\chi^2 = 0.66$, $df = 1$ ($P = 0.42$), $I^2 = 0\%$

