

Additional file 5. Percentages of patients achieving targets for prescribed doses in patients in the four time periods evaluated^a. A number of 19,661 patients fasted from postoperative days^b 1 to 7 were evaluated. The evaluation point was postoperative day 7. Data was shown by BMI classification.

Target dose	Body Mass Index (BMI) classification ^c	Period I	Period II	Period III	Period IV	Trend P value ^d
		2011–2013 N = 2507 n/N (%)	2014–2016 N = 5267 n/N (%)	2017–2019 N = 6383 n/N (%)	2020–2022 N = 5504 n/N (%)	
Energy <i>Target dose</i> ≥20 kcal/kg	<16	19/65 (29.2)	43/138 (31.2)	49/177 (27.7)	37/133 (27.8)	0.62
	≥16, <18.5	80/242 (33.1)	168/559 (30.1)	139/612 (22.7)	155/577 (26.9)	0.02
	≥18.5, <22.5	310/1042 (29.8)	537/2070 (25.9)	577/2452 (23.5)	451/2095 (21.5)	< 0.001
	≥22.5, <25	192/623 (30.8)	309/1335 (23.1)	343/1607 (21.3)	281/1386 (20.3)	< 0.001
	≥25, <30	138/461 (29.9)	221/1022 (21.6)	283/1316 (21.5)	209/1115 (18.7)	< 0.001
	≥30	19/74 (25.7)	34/143 (23.8)	48/219 (21.9)	40/198 (20.2)	0.28
Amino acids <i>Target dose</i> ≥0.8 g/kg	<16	24/65 (36.9)	40/138 (29.0)	42/177 (23.7)	28/133 (21.1)	0.01
	≥16, <18.5	107/242 (44.2)	182/559 (32.6)	178/612 (29.1)	168/577 (29.1)	< 0.001
	≥18.5, <22.5	360/1042 (34.5)	620/2070 (30.0)	698/2452 (28.5)	583/2095 (27.8)	< 0.001
	≥22.5, <25	217/623 (34.8)	380/1335 (28.5)	478/1607 (29.7)	418/1386 (30.2)	0.27
	≥25, <30	163/461 (35.4)	302/1022 (29.5)	392/1316 (29.8)	350/1115 (31.4)	0.43
	≥30	21/74 (28.4)	50/143 (35.0)	55/219 (25.1)	65/198 (32.8)	0.93

^a Time periods based on year of hospital admission.

^b Postoperative day 1 is defined as the next day of the surgery day.

^c BMI classification: <16 (n = 513); ≥16, <18.5 (n = 1990); ≥18.5, <22.5 (n = 7659); ≥22.5, <25 (n = 4951); ≥25, <30 (n = 3914); ≥30 (n = 634).

^d Cochran-Armitage test for trends between groups.