Impact of tight glucose control

on circulating 3-hydroxybutyrate in critically ill patients

Additional file 1

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Table S1. Baseline characteristics and outcome of matched adults

BASELINE CHARACTERISTICS	SURGICAL ICU			MEDICAL ICU		
	LIBERAL GC (N=30)	TIGHT GC (N=30)	P-VALUE	LIBERAL GC (N=20)	TIGHT GC (N=20)	P-VALUE
Age (years) - median (IQR)	64 (55-74)	65 (50-71)	1.00	66 (56-75)	68 (59-77)	0.66
Length (cm) – median (IQR)	170 (165-175)	174 (170-180)	0.11	170 (166-179)	170 (166-175)	0.80
BMI (kg/m²) – median (IQR)	25.2 (22.9-29.3)	26.2 (21.8-28.1)	0.87	22.3 (19.6-25.7)	24.5 (22.5-25.9)	0.14
Sex (male) - no. (%)	26 (87)	28 (93)	0.67	15 (75)	17 (85)	0.69
Diagnostic group – no. (%)			1.00			1.00
Surgical						
Transplantation – no. (%)	4 (13)	2 (7)				
Cardiac surgery – no. (%)	17 (57)	19 (63)				
Other surgery– no. (%)	9 (30)	9 (30)				
Medical – no. (%)				20 (100)	20 (100)	
History of malignancy – no. (%)	1 (3)	1 (3)	1.00	5 (25)	5 (25)	1.00
APACHE-II score – median (IQR)	8 (7-12)	9 (6-11)	0.76	21 (16-31)	23 (18-26)	0.98
OUTCOME						
ICU mortality – no. (%)	5 (17)	1 (3)	0.19	11 (55)	4 (20)	0.05
Length of ICU stay (days) – median (IQR)	4 (3-15)	4 (4-13)	0.94	10 (6-23)	7 (5-15)	0.09

BMI=body mass index. APACHE-II score=Acute Physiology and Chronic Health Evaluation II