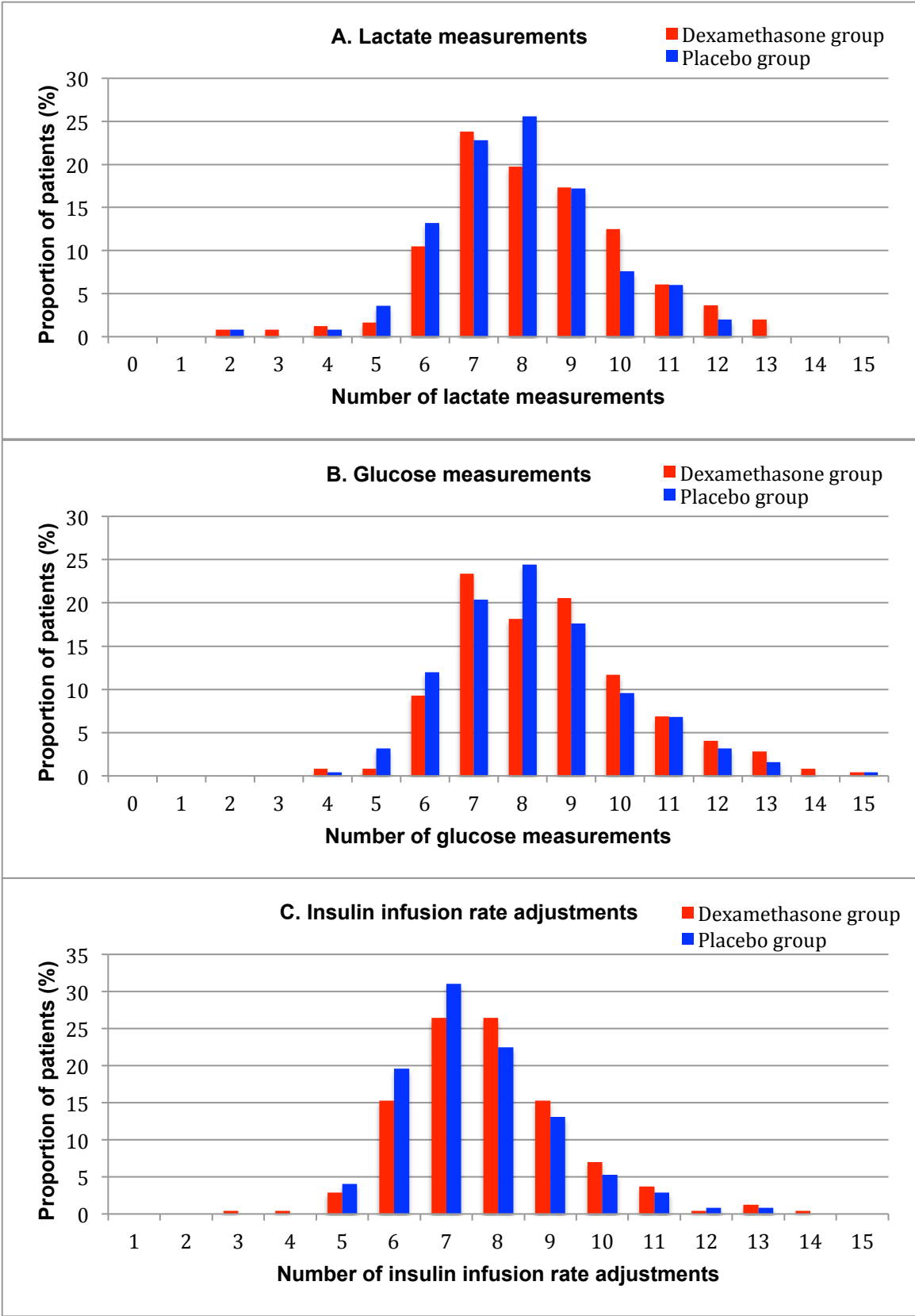


Effect of high-dose dexamethasone on perioperative lactate levels and glucose control: a randomized controlled trial.

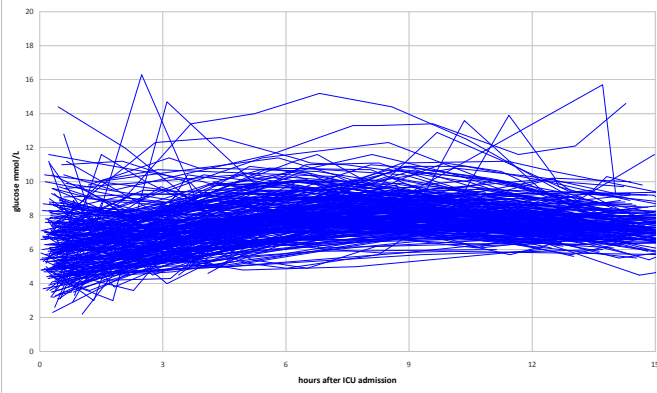
Additional Figures and Tables

Additional Figure 1: Lactate (a) and glucose (b) sampling frequency and number of insulin infusion rate readjustments (c) in the first 15 hours of postoperative ICU stay.

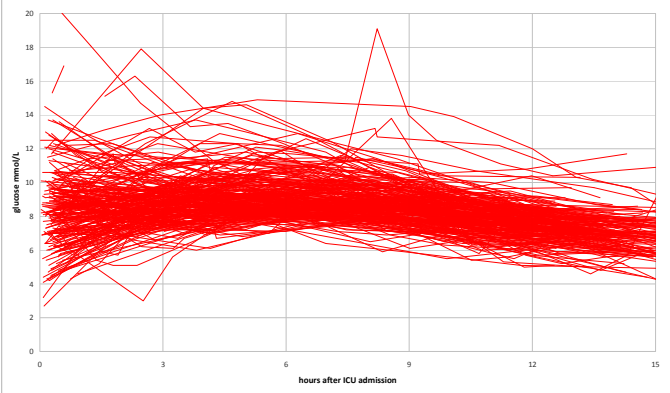


Additional Figure 2: Individual measurements of glucose, lactate and insulin infusion rate in the dexamethasone and placebo groups.

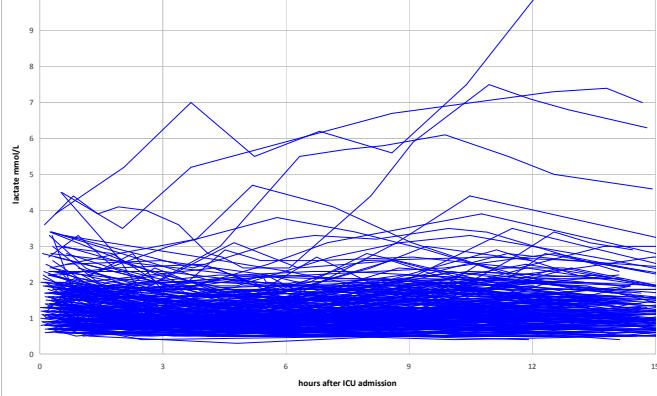
Time course of glucose in placebo group



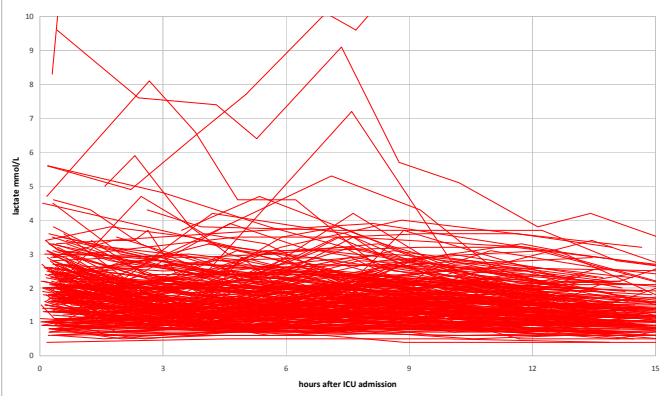
Time course of glucose in dextrose group



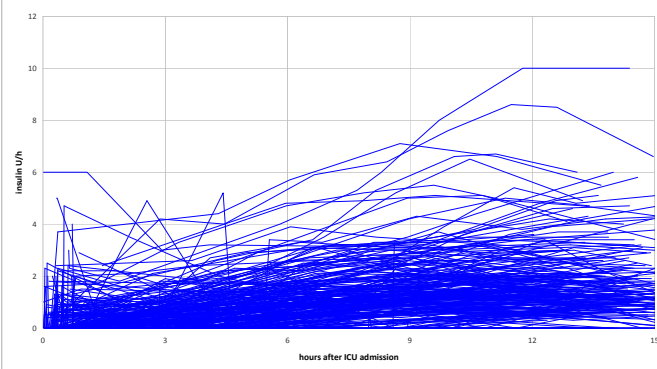
Time course of lactate in placebo group



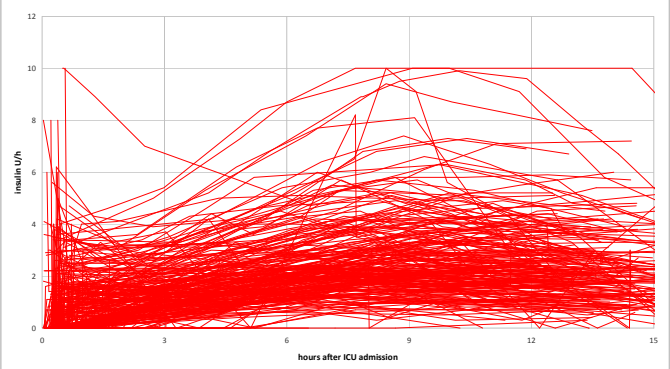
Time course of lactate in dextrose group



Time course of insulin dose in placebo group



Time course of insulin dose in dextrose group



Additional Table 1: Multivariate linear regression model of the effect of dexamethasone on postoperative lactate levels				
	Model 1 R²=0.055		Model 2 R²=0.216	
	Beta	P-value	Beta	P-value
Treatment allocation (to dexamethasone or placebo)	52.711	<.001	12.454	0.208
Glucose area under the curve in the first 15 hours of postoperative ICU stay (AUC ₁₅), in mg/dL x h			0.187	<.001
Model dependent variable is lactate area under the curve in the first 15 hours of postoperative ICU stay (AUC ₁₅), in mg/dL x h				

eTable 2 (continued). Bivariate cross-correlation matrix of glucose and lactate levels in the first 15 hours of postoperative ICU stay.

15	R	,063	0,121	0,153	0,216	0,267	0,289	0,321	0,352	0,348	0,359	0,36	0,353	0,336	0,28	0,242	0,169
	P	,199	,013	,002	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000

Abbreviations: R denotes correlation coefficient, P: P-value.