

**Supplemental Table S5.** Comparison of the Incidence of Rebound Hyperglycemia by Group: Subgroup Analysis

Variable	Non-DKA or HHS ( <i>n</i> =42)		DKA or HHS ( <i>n</i> =123)	
	Odds ratio (95% CI)	<i>P</i> value	Odds ratio (95% CI)	<i>P</i> value
Univariable				
Group <sup>a</sup>	0.059 (0.01–0.29)	<0.001 <sup>b</sup>		
Multivariable				
Group <sup>a</sup>	0.06 (0.01–0.66)	0.021 <sup>b</sup>	0.20 (0.06–0.62)	0.005 <sup>b</sup>
Age	1.00 (0.95–1.06)	0.869	0.98 (0.95–1.01)	0.138
Body mass index, kg/m <sup>2</sup>	–	–	1.16 (1.00–1.35)	0.057
Dose of basal insulin, U	–	–	1.07 (0.94–1.21)	0.328
Duration of CIII, hr	–	–	0.97 (0.95–0.99)	0.006 <sup>b</sup>
Glucose level immediately before CIII discontinuation, mg/dL	1.02 (0.99–1.04)	0.253	1.02 (1.00–1.03)	0.027 <sup>b</sup>
Duration of DM, yr	0.95 (0.84–1.06)	0.327	1.03 (0.97–1.09)	0.388
Precipitating factor	–	–	3.57 (1.09–11.76)	0.036 <sup>b</sup>
DPP4 inhibitor	–	–	0.39 (0.12–1.27)	0.117

Subgroup was set as DKA/HHS group vs. non-DKA/HHS group.

DKA, diabetic ketoacidosis; HHS, hyperosmolar hyperglycemic state; CI, confidence interval; CIII, continuous intravenous insulin infusion; DM, diabetes mellitus; DPP4, dipeptidyl peptidase 4.

<sup>a</sup>Early vs. delayed basal insulin group; <sup>b</sup>Values are statistically significant ( $P < 0.05$ ) multiple logistic regression models using backward stepwise analyses.