

Supplementary Table 2. Insulin titration algorithm

During hospitalization			
Gla-300 dose adjustments			
FPG >200 mg/dl for 2 consecutive days, without hypoglycaemia attributable to basal insulin			+6 U
FPG 180-200 mg/dl for 2 consecutive days, without hypoglycaemia attributable to basal insulin			+4 U
FPG 140-180 mg/dl for 2 consecutive days, without hypoglycaemia attributable to basal insulin			+2 U
FPG 90-140 mg/dl, without hypoglycaemia attributable to basal insulin			0 U
FPG or nocturnal blood glucose 70-90 mg/dl			-4 U
FPG <70 mg/dl or nocturnal hypoglycaemia			-6 U
Supplemental correction insulin dose	<i>Daily insulin requirement</i>		
	<i><40 IU/day</i>	<i>40-80 IU/day</i>	<i>>80 IU/day</i>
Pre-ingestion blood glucose < 90 mg/dl	-1 U	-1 U	-2 U
Pre-ingestion blood glucose 90-139 mg/dl	0 U	0 U	0 U
Pre-ingestion blood glucose 140-199 mg/dl	+1 U	+1 U	+2 U
Pre-ingestion blood glucose 200-249 mg/dl	+2 U	+3 U	+4 U
Pre-ingestion blood glucose 250-299 mg/dl	+3 U	+5 U	+7 U
Pre-ingestion blood glucose 300-349 mg/dl	+4 U	+7 U	+10 U
Pre-ingestion blood glucose >349 mg/dl	+5 U	+8 U	+12 U
After hospital discharge			
Gla-300 dose adjustments			
FPG >180 mg/dl for the last 3-4 consecutive days and without hypoglycaemia			+4 U
FPG >130 mg/dl for the last 3-4 consecutive days and without hypoglycaemia			+2 U
FPG 80-130 mg/dl for the last 3-4 consecutive days and without hypoglycaemia			0 U

FPG 70-80 mg/dl or nocturnal hypoglycaemia	-4 U or -10% of total daily dose
FPG <70 mg/dl or nocturnal hypoglycaemia	-6 U or -20% of total daily dose

FPG, fasting plasma glucose; Gla-300, insulin glargine 300 U/ml.