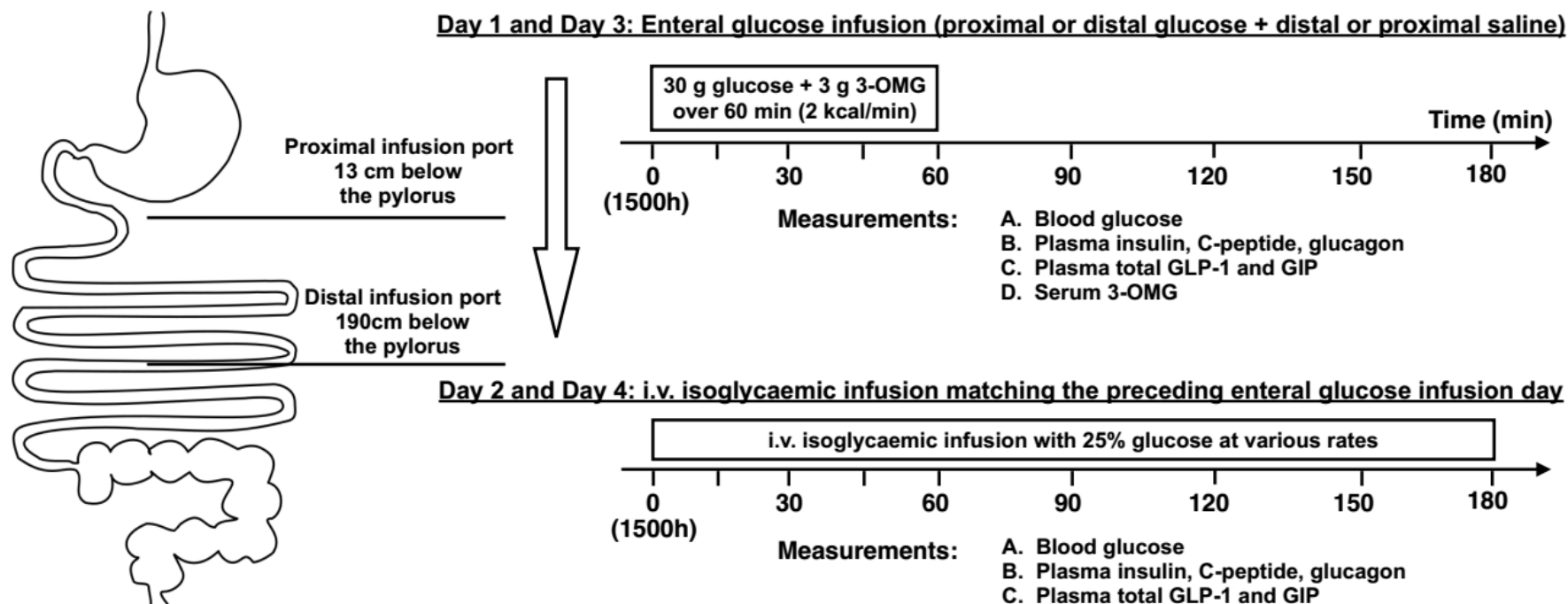SUPPLEMENTARY DATA

Supplementary Figure S1. Outline of study protocol. Subjects were studied on four days. On two study days, a catheter was positioned (infusion ports opening 13cm and 190cm beyond the pylorus) for infusion of 30g glucose, mixed with 3g 3-O-methylglucose (3-OMG, a marker of glucose absorption), into either the proximal or distal site and 0.9% saline into the alternate site over 60min. An intravenous isoglycemic clamp was performed on the other two days. Blood glucose, serum 3-OMG and plasma hormones were evaluated at intervals over 180min.

SUPPLEMENTARY DATA

Supplementary Table S1. Subject demographics

	Healthy subjects (n = 10)	T2DM subjects (n = 10)	P value
Age (years)	45.2 ± 7.8	67.3 ± 2.4	0.021
Gender	10 males	8 males + 2 females	-
Ethnicity	9 Caucasians + 1 Asian	10 Caucasians	-
Weight (kg)	79.9 ± 4.3	90.0 ± 5.1	0.372
BMI (kg/m^2)	25.3 ± 1.3	28.5 ± 1.1	0.072
HbA1c (%)	5.2 ± 0.1	6.2 ± 0.2	< 0.001
HbA1c (mmol/mol)	33.6 ± 1.2	43.9 ± 1.7	< 0.001
Duration of known diabetes (years)	-	9.3 ± 1.9	-
Use of metformin	-	n = 4 subjects	-

Data are means ± SEM. Unpaired Student's *t*-test was used to determine statistical difference.