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Impaired beta cell glucose sensitivity and whole-body insulin sensitivity as predictors of hyperglycaemia in non-diabetic subjects

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Unfortunately the values given for insulin sensitivity and disposition index (DI) in Tables 2 and 3 of this article were incorrect. The corrected tables are reproduced here. There was also a mistake in the legend for Figure 3 which should have read: 'Data points and bars are mean \pm SE for insulin sensitivity and for beta cell glucose sensitivity', instead of 'Data points and bars are mean \pm SE for insulin sensitivity and median \pm SE for beta cell glucose sensitivity'.

Table 2 Baseline metabolic parameters according to progression to hyperglycaemia

	Progressors	Non-progressors	<i>p</i>
Fasting ISR (pmol min ⁻¹ m ⁻²)	76 (36)	61 (28)	<0.05
Total IS (nmol m ⁻²)	45 (22)	37 (20)	0.09
Beta cell glucose sensitivity (pmol min ⁻¹ m ⁻² mmol/l ⁻¹)	75 (48)	110 (98)	0.02
Rate sensitivity (nmol m ⁻² mmol/l ⁻¹)	0.6 (0.7)	0.7 (0.8)	NS
Potentialiation (fold)	1.4 (0.7)	1.7 (1.0)	NS
Insulin sensitivity (ml min ⁻¹ m ⁻²)	359 \pm 55	405 \pm 63	0.001
$\Delta I_{30}/\Delta G_{30}$ (pmol/mmol)	95 (91)	122 (104)	NS
DI (ml min ⁻¹ m ⁻² pmol mmol ⁻¹)	34 (33)	46 (39)	<0.02

Data appear as the mean \pm SD or as the median and interquartile range (the difference between the 75th and 25th percentile numbers). *ISR* Insulin secretion rate; *IS* insulin secretion; *DI* disposition index; *NS* not significant

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Table 3 Changes in metabolic data between baseline and 5 years according to progression to hyperglycaemia

	Progressors	Non-progressors	<i>p</i>
BMI	1.8 \pm 2.6	0.8 \pm 2.3	0.001
Fasting ISR	18 (38)	3 (37)	0.01
Total IS	3 (24)	1 (22)	NS
Beta-cell glucose sensitivity	-36 (36)	-13 (105)	<0.0001
Rate sensitivity	-0.1 (0.7)	0.01 (0.9)	NS
Potentialiation	0.1 (0.9)	-0.1 (1.2)	NS
Insulin sensitivity	-36 \pm 57	5 \pm 48	<0.0001
$\Delta I_{30}/\Delta G_{30}$	-31 (60)	-21 (74)	0.03
DI	-13 (18)	-9 (27)	0.0001

Units for each measurement as described in Tables 1 and 2. Data appear as the mean \pm SD or as the median and interquartile range (the difference between the 75th and 25th percentile numbers)