Supplemental Table 1

Insulin sensitivity/ resistance indices

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| --- | --- |
| Index | Formula |
| HOMA-IR  GSI  ISI  DI | PG0 x Ins0 /154.8  Glucose: mmol/l  Insulin: pmol/l  Kazama et al. Diabetes Res Clin Pract 79(2008)24-30  🠦 autoregressive model  🠦 GSI calculator: http://www18.ocn.ne.jp/~ogsi/  (75000 + [(PG0 – PG120) x 0.19 x body weight]) / 120  (PG0-PG120) / 2 x log [(Ins0+Ins120) /2]  Glucose: mg/dl  Insulin: µU/ml  (1283 + 1.829 x Ins30 -138.7 x PG30 + 3.772 x Ins0) x ISI  Glucose: mmol/l  Insulin: pmol/l |

For comparability with results published elsewhere, different units for glucose and insulin were applied.