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How good a marker is insulin level for insulin resistance?

DOI: 10.1093/oxfordjournals.aje.a116768

American Journal of Epidemiology, 1993, 137, 959-65.

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#	Paper	IF	Citations
646	Blood pressure, insulin, and C-peptide levels in San Luis Valley, Colorado. <i>Diabetes Care</i> , <b>1993</b> , 16, 1543-50.	14.6	19
645	Essential hypertension and cognitive function. The role of hyperinsulinemia. <i>Hypertension</i> , <b>1993</b> , 22, 771-5.	8.5	106
644	Multivariate analysis of the insulin resistance syndrome in women. <b>1994</b> , 14, 1940-5		131
643	Effect of insulin resistance, apoE2 allele, and smoking on combined hyperlipidemia. <b>1994</b> , 14, 1576-80		21
642	Hyperinsulinemia, risk factors, and coronary heart disease. The Zutphen Elderly Study. <b>1994</b> , 14, 1641-7		54
641	Metabolic and adipose risk factors for NIDDM and coronary disease in third-generation Japanese-American men and women with impaired glucose tolerance. <b>1994</b> , 37, 524-32		36
640	Hypertriglyceridaemia in subjects with normal and abnormal glucose tolerance: relative contributions of insulin secretion, insulin resistance and suppression of plasma non-esterified fatty acids. <b>1994</b> , 37, 889-96		77
639	Evidence of higher insulin resistance in NIDDM patients with ischaemic heart disease. <b>1994</b> , 37, 597-603		36
638	Comparison of three methods for the quantification of beta-cell function and insulin sensitivity. <b>1994</b> , 26, 189-95		11
637	The visceral adiposity syndrome in Japanese-American men. <b>1994</b> , 2, 364-71		64
636	Impaired glucose and insulin metabolism in borderline hypertension. <b>1994</b> , 3, 287-94		12
635	Relation of pregnancy history to insulin levels in older, nondiabetic women. <i>American Journal of Epidemiology</i> , <b>1994</b> , 140, 375-82	3.8	17
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630	Effects on glucose tolerance, insulin secretion, insulin-like growth factor 1 and its binding protein, IGFBP-1, in a randomized controlled diet and exercise study in healthy, middle-aged men. <b>1995</b> , 238, 121-30		79

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628	Decreased non-esterified fatty acid suppression and features of the insulin resistance syndrome occur in a sub-group of individuals with normal glucose tolerance. <b>1995</b> , 38, 1358-66		30
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626	Retinopathy, glucose, and insulin in an elderly population. The Rotterdam Study. <b>1995</b> , 44, 11-5		95
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624	Evidence for linkage of postchallenge insulin levels with intestinal fatty acid-binding protein (FABP2) in Mexican-Americans. <b>1995</b> , 44, 1046-53		66
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588	Alcohol intake and insulin levels. The Normative Aging Study. <i>American Journal of Epidemiology</i> , <b>1997</b> , 145, 909-16	3.8	167
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468	Evaluation of simple indices of insulin sensitivity and insulin secretion for use in epidemiologic studies. <i>American Journal of Epidemiology</i> , <b>2000</b> , 151, 190-8	3.8 379

467	Synthesis and regulation of sex hormone-binding globulin in obesity. <b>2000</b> , 24 Suppl 2, S64-70		100
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460	Validation of the insulin sensitivity index (ISI(0,120)): comparison with other measures. <b>2000</b> , 47, 177-84		356
459	Community-based epidemiological study of glucose tolerance in Kin-Chen, Kinmen: support for a new intermediate classification. <b>2000</b> , 53, 505-10		13
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457	Association between C-reactive protein and features of the metabolic syndrome: a population-based study. <i>Diabetes Care</i> , <b>2000</b> , 23, 1835-9	14.6	510
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441	Cardiovascular risk factors in young adult survivors of childhood acute lymphoblastic leukemia. <b>2001</b> , 23, 424-30		142
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439	Association of physical activity and serum insulin concentrations in two populations at high risk for type 2 diabetes but differing by BMI. <i>Diabetes Care</i> , <b>2001</b> , 24, 1175-80	14.6	55
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426	Insulin resistance precedes weight loss in adults without diabetes : the Rancho Bernardo Study. <i>American Journal of Epidemiology</i> , <b>2001</b> , 153, 1199-205	3.8	53
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419	Markers of inflammation and cellular adhesion molecules in relation to insulin resistance in nondiabetic elderly: the Rotterdam study. <b>2001</b> , 86, 4398-405		145
418	Specific factors predict the response to pulsatile gonadotropin-releasing hormone therapy in polycystic ovarian syndrome. <b>2001</b> , 86, 2428-36		10
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415	Effects of moderate alcohol intake on fasting insulin and glucose concentrations and insulin sensitivity in postmenopausal women: a randomized controlled trial. <b>2002</b> , 287, 2559-62		332
414	Relationship between the GH/IGF-I axis, insulin sensitivity, and adrenal androgens in normal prepubertal and pubertal boys. <b>2002</b> , 87, 1162-9		44

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410	Associations of serum C-reactive protein with fasting insulin, glucose, and glycosylated hemoglobin: the Third National Health and Nutrition Examination Survey, 1988-1994. <i>American Journal of Epidemiology</i> , <b>2002</b> , 155, 65-71	3.8	117
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382	Interactive relation of insulin and gender to cardiovascular reactivity in healthy young adults. <b>2003</b> , 25, 163-71		7
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362	Relationships in men of sex hormones, insulin, adiposity, and risk factors for myocardial infarction. <b>2003</b> , 52, 784-90	112
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356	Genomic scan of glucose and insulin metabolism phenotypes: the HERITAGE Family Study. <b>2003</b> , 52, 246-53		24
355	Longitudinal changes in risk variables of insulin resistance syndrome from childhood to young adulthood in offspring of parents with type 2 diabetes: the Bogalusa Heart Study. <b>2003</b> , 52, 443-50; discussion 451-3		87
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348	Quantitative insulin sensitivity check index and the reciprocal index of homeostasis model assessment in normal range weight and moderately obese type 2 diabetic patients. <i>Diabetes Care</i> , <b>2003</b> , 26, 2426-32	14.6	180
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345	Association between regional adipose tissue distribution and both type 2 diabetes and impaired glucose tolerance in elderly men and women. <i>Diabetes Care</i> , <b>2003</b> , 26, 372-9	14.6	441
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343	Overweight and obesity in women: health risks and consequences. <b>2003</b> , 12, 163-72		123
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337	Impact of blood pressure and insulin on the relationship between body fat and left ventricular structure. <b>2003</b> , 24, 1500-5		28
336	Polymorphisms of the insulin receptor substrate-2 in patients with type 2 diabetes. <b>2003</b> , 88, 317-22		26
335	Insulin resistance and its contribution to colon carcinogenesis. <b>2003</b> , 228, 396-405		113
334	Effects of an oral androgen on muscle and metabolism in older, community-dwelling men. <b>2003</b> , 284, E120-8		47
333	C-reactive protein is independently associated with fasting insulin in nondiabetic women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2003</b> , 23, 650-5	9.4	161
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330	Prevalence of the metabolic syndrome and its relation to all-cause and cardiovascular mortality in nondiabetic European men and women. <b>2004</b> , 164, 1066-76		707
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313	High insulin levels and increased low-density lipoprotein oxidizability in pediatric patients with systemic lupus erythematosus. <b>2004</b> , 50, 160-5	66
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311	Hyperinsulinemia and risk of Alzheimer disease. <b>2004</b> , 63, 1187-92	532
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308	Effect of diet and exercise intervention on inflammatory and adhesion molecules in postmenopausal women on hormone replacement therapy and at risk for coronary artery disease. <b>2004</b> , 53, 377-81	99
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306	Insulin secretion, sensitivity, and metabolic profile of young healthy offspring of hypertensive parents. <b>2004</b> , 53, 469-75	18

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293	Insulin resistance: more important to identify than quantify. <b>2005</b> , 10, 597-8	1
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289	Insulin resistance: a metabolic pathway to chronic liver disease. <b>2005</b> , 42, 987-1000	601
288	Insulin sensitivity, proinsulin and insulin as predictors of coronary heart disease. A population-based 10-year, follow-up study in 70-year old men using the euglycaemic insulin clamp. <b>2005</b> , 48, 862-7	81

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283	Validation of insulin resistance indexes in a stable renal transplant population. <i>Diabetes Care</i> , <b>2005</b> , 28, 2424-9	14.6	30
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