

Supporting Information

Hruby, *et al.* Body Mass Index at Accession and Incident Cardiometabolic Risk Factors in US Army Soldiers, 2001–2011.

S3 Table. ICD-9 Codes Used to Categorize Broadly- and Strictly-Defined Cardiometabolic Risk Factors and Behavioral Risk Factors.

Cardiometabolic Risk Factors	Strict Definition Codes	Broad Definition Codes
Impaired glucose disorder (hyperglycemia / hyperinsulinemia / type 2 diabetes)	250.x0–250.x2 Diabetes mellitus 790.21 Impaired fasting glucose 790.22 Impaired glucose tolerance test	<i>Strict plus:</i> 249.xx Secondary diabetes mellitus 251.1 Hyperinsulinism 362.0–362.07 Diabetic retinopathy 365.44 Diabetic glaucoma 366.41 Diabetic cataract 790.2 Abnormal glucose 791.5 Glycosuria, nonspecific on urine examination V58.67 Long-term current insulin use
Overweight or obesity	278.0 Overweight, obesity, and other hyperalimentation 278.00 Obesity, unspecified 278.01 Morbid obesity 278.02 Overweight V85.2 BMI 25–29 kg/m ² V85.3 BMI 30–39 kg/m ² V85.4 BMI 40+ kg/m ²)	<i>Strict plus:</i> 783.6 Hyperphagia
Hypertension	401.x Essential hypertension	<i>Strict plus:</i> 402.x Hypertensive heart disease 403.x Hypertensive chronic kidney disease 404.x Hypertensive heart and chronic kidney disease 405.x Secondary hypertension 796.2 Elevated blood pressure without diagnosis of hypertension 997.91 Complications affecting specified body systems, not elsewhere classified: Hypertension
Dyslipidemia	272.1 Pure hyperglyceridemia 272.5x Lipoprotein deficiency	<i>Strict, plus:</i> All 272 Lipid disorders
Metabolic syndrome	277.7 Dysmetabolic Syndrome X	<i>n/a</i>
Behavioral Risk Factors		<i>[used in additional models to assess potential confounding of BMI-cardiometabolic risk factor relationship]</i>
Smoking / tobacco / drug		292.0 Abstinence and/or withdrawal symptoms or syndrome 292.9 Drug-related disorder not otherwise specified 305.1 Tobacco use disorder
Depression		293.83 Mood disorder 296.xx Bipolar disorder 300.4 Dysthymic disorder 311 Depressive disorder
Anxiety		293.84 Anxiety disorder 300.0x Anxiety disorders [including generalized, panic, etc.]

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Posttraumatic stress disorder		308.3 Acute stress reaction 309.81 Posttraumatic stress disorder
Alcohol		291.81 Alcohol withdrawal 291.9 Unspecified alcohol-induced mental disorders 303.0x Acute alcoholic intoxication in alcoholism 303.9x Alcohol dependence 305.0x Alcohol abuse