e-Table 1: Variables with ICD-9 codes

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| Variable | ICD-9 codes |  |  |
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| Acute myocardial infarction |  |  |  |
| ST-elevation myocardial infarction | 410.0-410.62, 410.81-410.82, 410.90-410.92 |  |  |
| Non-ST-elevation myocardial infarction | 410.70-410.72 |  |  |
| Heavy drinking  Acute effects of alcohol  Alcohol withdrawal  Acute alcoholic hepatitis  Alcoholic gastritis  Acute alcohol intoxication  Chronic effects of alcohol  Alcohol dependence  Alcoholic polyneuropathy  Alcoholic cardiomyopathy  Alcoholic liver damage  Smoking  Chronic liver disease  Peripheral vascular disease  Hypertension  Diabetes  Renal failure  Drug abuse  Gastro-intestinal bleeding | 291.0-291.9, 303.0-303.93, 305.0-305.03, 571.0-571.3, 535.30-535.31, 425.5, 357.5      291.0-291.81  571.1  535.30-535.31  303.0-303.03  305.0-305.03  357.5  425.5  571.0, 571.2, 571.3  V15.82, 305.1-305.13  070.22-070.54, 456.0-456.21, 571.40-571.9, 572.3-  572.8, 573.5  440-440.9, 441.0-441.9, 442.0-442.9, 443.0-443.9,  444.21- 444.22, 447.1, 449, 557.1, 557.9, V43.4  401.0-401.9, 402.0-405.99, 437.2, 642.0-642.94  249.0-249.91, 250.0-250.93, 648.0-648.04, 775.1  403.01-403.91, 404.02-404.93, 585.3-585.9, 586,  V42.0, V45.1, V45.11, V45.12, V56.0-V56.32, V56.8  292.0-292.9, 304.0-304.93, 305.20-305.93, 648.30-34  531.0-531.61, 532.0-532.61, 533.0-533.61, 534.0-534.61, 578.1,  530.7, 456.0-456.20, 530.82, 569.3, 578.0-578.9 |  |  |
| Arrhythmia | 427.0-427.9, 785.0-785.1 |  |  |
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