

**Supplemental Table 1:** ICD-9 codes used to assess eligibility, baseline characteristics and outcomes\*

<b>Diagnosis</b>	<b>ICD9.CM</b>
Diabetes	250
Hypertension	401-405
Hypercholesterolemia	272.0-272.4
Angina	411.1, 413
Myocardial infarction	410, 412
Death	798
Stroke	430-438
Pulmonary embolism	415.1
Deep venous thrombosis	453
Breast cancer	174, 239.2
Colon cancer	153
Endometrial cancer	182
All cancers	140-208
Hip and vertebral fractures	805, 806, 808
All fractures	733.1, 805, 806, 808-829
Smoking	305.1
Overweight/obesity	278.0
*Codes for medications, imaging and other procedures are specific to Taiwan national health insurance and are not included	

**Supplemental Table 2:** Ineligible subjects

<b>Exclusion criteria</b>	<b>MHT exposure (n=16,572) N (%)</b>	<b>No MHT exposure (n=83,579) N (%)</b>
Medical condition associated with predicted survival < 3 years (CHF, COPD, ESRD, AIDS)	265 (1.6)	333 (0.4)
Prior cancer	103 (0.6)	158 (0.2)
Endometrial hyperplasia	35 (0.2)	18 (0.02)
Alcoholism/drug dependency	4 (0.02)	1 (0.001)
Dementia, mental illness	183 (1.1)	215 (0.3)
Acute MI, CVA, TIA within 6 months	210 (1.3)	300 (0.3)
Severe hypertension	81 (0.5)	83 (0.1)
Chronic hepatitis or cirrhosis	159 (0.9)	188 (0.2)
Prior PE or DVT	2 (0.01)	10 (0.01)
Blood-related disorders	1 (0.006)	4 (0.004)
Other*	107 (0.6)	91 (0.1)
Total number of excluded subjects	1150 (6.9)	1401 (1.7)

\*Other includes OCP use