

Supplementary Tables

Table S1. Physical activities and MET intensity codes, grouped by moderate and vigorous intensity

Physical Activity	MET intensity code	Activity code*	Percent participation (%)
Moderate			
Walking	4.5	-	53.1
Calisthenics	4.5	-	18.5
Bowling	3.0	15090	4.1
Golfing	4.5	15255	4.9
Mowing	4.5	08125	22.4
Raking	4.0	08160	11.2
Gardening	4.0	08261	28.3
Housework	3.3	05026	71.0
Softball	5.0	15620	0.8
Rowing	5.8	18050	2.3
Dancing	5.5	-	7.0
Vigorous			
Jogging	7.5	12020	4.7
Running	10.5	12145	1.2
Hiking	6.0	17080	7.8
Biking	7.0	01014	7.6
Swimming	6.0	-	12.2
Exercise cycling	6.8	01200	14.3
Basketball	6.0	15050	1.6
Weightlifting	6.0	02050	12.5
Nautilus	6.0	02050	17.9
Aerobics	7.3	02000	6.0
Tennis	6.8	15675	1.4
Snow skiing	7.0	19075	2.0

MET = metabolic equivalent.

*Updated using the 2024 Adult Compendium of Physical Activities; some are averaged across similar activity codes

Table S2. Baseline characteristics of HVH participants who experienced an incident venous thromboembolism (VTE), by telephone interview completion

Characteristic	Did Not Complete Telephone Interview (n=1457)	Completed Telephone Interview (n=1381)*
Median age, years (IQR)	72.7 (21.2)	62.0 (20.2)
Female, n (%)	768 (52.7)	820 (59.4)
Median BMI**, kg/m ² (IQR)	27.7 (8.6)	30.1 (8.8)
Population Group		
Asian, n (%)	26 (1.8)	16 (1.2)
Black, n (%)	75 (5.1)	68 (4.9)
Native American/Alaska Native, n (%)	3 (0.2)	21 (1.5)
Pacific Islander, n (%)	2 (0.1)	5 (0.4)
White, n (%)	1294 (88.8)	1248 (90.4)
Other, n (%)	16 (1.1)	23 (1.7)
Smoking***		
Never, n (%)	619 (42.5)	715 (51.8)
Past, n (%)	708 (48.6)	540 (39.1)
Current, n (%)	117 (8.0)	126 (9.1)
Incident event provoking factors¹		
Cancer, n (%)	557 (38.2)	141 (10.2)
Hospitalization, n (%)	445 (30.5)	276 (20.0)
Surgery, n (%)	202 (13.9)	251 (18.2)
Fracture, n (%)	52 (3.6)	52 (3.8)
Pregnancy ² , n (%)	8 (1.0)	11 (1.3)
HT/OC use ² , n (%)	94 (12.2)	195 (23.8)
Anticoagulant use ³ , n (%)	1384 (95.0)	1366 (98.9)
Incident VTE event location		
Proximal DVT, n (%)	512 (35.1)	487 (35.3)
Distal DVT, n (%)	92 (6.3)	144 (10.4)
PE with or without DVT, n (%)	787 (54.0)	718 (52.0)
Unknown	66 (4.5)	32 (2.3)

Recurrent event, n (%) 172 (11.8) 288 (20.1)

Q = quartile; wk = week; IQR = interquartile range; BMI = body mass index; kg = kilograms; HT = hormone therapy; OC = oral contraceptive; VTE = venous thromboembolism; DVT = deep vein thrombosis; PE = pulmonary embolism; TI = telephone interview.

*Of the 2844 individuals with an incident VTE, 1819 were contacted to complete the TI, and 1387 (76.3%) of these individuals responded

**1 missing BMI value among those who completed the TI; 23 missing BMI values among those who did not complete the TI

***13 missing values for smoking status among those who did not complete the TI (n=1457)

¹ Defined as cancer diagnosis or treatment within the 2 years prior to incident VTE; hospitalization for at least 3 days within the 3 months prior to incident VTE, or less than 3 days within the 2 months prior to incident VTE; inpatient surgery in the 2 months prior to incident VTE; major fracture within 2 months prior to incident VTE; pregnancy or puerperium at the time of the incident VTE; prevalent HT/OC use at the time of incident event.

² Defined as prevalent use at the time of the incident VTE, or use starting within 30 days.

Table S3. Association of continuous energy expenditure winsorized to the 99th percentile, among people who did any moderate to vigorous physical activity, with recurrent venous thromboembolism

	n	99 th percentile (MET-h/week)	Events	Person-years of follow-up	Final adjusted HR* (95% CI)	P-value
Any MVPA						
Continuous**	1239	191.8	265	5839.7	1.00 (0.98, 1.03)	0.72
Moderate PA (MET 3-<6)						
Continuous**	1209	146.1	258	5710.2	1.00 (0.97, 1.03)	0.95
Vigorous PA (MET >=6)						
All vigorous PA**	664	146.2	144	3133.0	1.02 (0.97, 1.07)	0.36
Non-obese**	355	88.3	75	1698.8	1.06 (1.01, 1.11)	0.01***
Obese*	309	166.4	69	1434.2	1.60 (1.08, 2.35)	0.02

HR = hazard ratio; MVPA = moderate to vigorous physical activity; Q = quartile; MET-h/week = metabolic equivalent hours per week; ref = reference.

* Four total adjustment models: the first model adjusted for only age, sex, and population group. The final model also adjusted for BMI, smoking, incident event provoking factors (cancer, hospitalization, major surgery, major fracture, pregnancy, and HT or OC use), and time-varying anticoagulation use.

** For every 7.5 MET-h/week

*** Significant at p<0.05