

Online Data Supplement

Multimorbidity and incident heart failure among people with and without HIV: The HIV-HEART Study.

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Supplemental Table 1. Cumulative number of chronic comorbidities overall and among people without and with HIV

	Overall			PWoH			PWH		
	N = 425,454			N = 386,586			N = 38,868		
Comorbidity count	N	Row %	Cumulative %	N	Row %	Cumulative %	N	Row %	Cumulative %
0	254,159	59.7	59.7	230,691	59.7	59.7	23,468	60.4	60.4
1	94,624	22.2	82.0	87,188	22.6	82.2	7,436	19.1	79.5
2	42,226	9.9	91.9	38,388	9.9	92.2	3,838	9.9	89.4
3	18,919	4.4	96.4	16,924	4.4	96.5	1,995	5.1	94.5
4	8,757	2.1	98.4	7,595	2.0	98.5	1,162	3.0	97.5
5	3,867	0.9	99.3	3,282	0.8	99.3	585	1.5	99.0
6	1,730	0.4	99.7	1,477	0.4	99.7	253	0.7	99.7
7	707	0.2	99.9	618	0.2	99.9	89	0.2	99.9
8	300	0.1	100.0	273	0.1	100.0	27	0.1	100.0
9	112	0.0	100.0	104	0.0	100.0	8	0.0	100.0
10	38	0.0	100.0	34	0.0	100.0	4	0.0	100.0
11	12	0.0	100.0	9	0.0	100.0	3	0.0	100.0
12+	3	0.0	100.0	3	0.0	100.0	0	0.0	100.0

Abbreviation: PWH, people with HIV; PWoH, people without HIV

Supplemental Table 2. Number of events, person-years, and rates of incident heart failure among adults without and with HIV by multimorbidity burden.

	PWoH				PWH		
Multimorbidity Burden	0-1	2-3	≥4		0-1	2-3	≥4
Overall							
Events, N	1,960	918	551		292	90	66
Person-years	1,865,303	316,644	66,561		155,231	29,457	8,647
Rate per 100 PY	0.11 (0.10-0.11)	0.29 (0.27-0.31)	0.83 (0.76-0.90)		0.19 (0.17-0.21)	0.31 (0.25-0.38)	0.76 (0.60-0.97)
Age groups, years							
21-34							
Events, N	81	14	5		25	5	2
Person-years	442,081	33,880	2,478		36,673	4,276	666
Rate per 100 PY	0.02 (0.01-0.02)	0.04 (0.02-0.07)	0.20 (0.08-0.48)		0.07 (0.05-0.10)	0.12 (0.05-0.28)	0.30 (0.08-1.20)
35-54							
Events, N	1,228	478	186		164	41	26
Person-years	1,266,781	210,796	33,813		103,922	20,469	5,420
Rate per 100 PY	0.10	0.23	0.55		0.16	0.20	0.48

	(0.09-0.10)	(0.21-0.25)	(0.48-0.64)		(0.14-0.18)	(0.15-0.27)	(0.33-0.70)
55-64							
Events, N	463	279	203		77	31	27
Person-years	135,165	57,646	19,819		12,582	3,824	1,823
Rate per 100 PY	0.34 (0.31-0.38)	0.48 (0.43-0.54)	1.02 (0.89-1.18)		0.61 (0.49-0.77)	0.81 (0.57-1.15)	1.48 (1.02-2.16)
≥65							
Events, N	188	147	157		26	13	11
Person-years	21,275	14,321	10,450		2,052	886	736
Rate per 100 PY	0.88 (0.77-1.02)	1.03 (0.87-1.21)	1.50 (1.28-1.76)		1.27 (0.86-1.86)	1.47 (0.85-2.52)	1.49 (0.83-2.70)
Male							
Events, N	1,812	831	470		251	72	60
Person-years	1,666,863	257,822	50,670		137,728	24,912	6,914
Rate per 100 PY	0.11 (0.10-0.11)	0.32 (0.30-0.35)	0.93 (0.85-1.02)		0.18 (0.16-0.21)	0.29 (0.23-0.36)	0.87 (0.67-1.12)
Female							
Events, N	148	87	81		41	18	6
Person-years	198,440	58,822	15,890		17,502	4,545	1,733

Rate per 100 PY	0.07 (0.06-0.09)	0.15 (0.12-0.18)	0.51 (0.41-0.63)		0.23 (0.17-0.32)	0.40 (0.25-0.63)	0.35 (0.16-0.77)
Race/ethnicity							
White							
Events, N	945	399	263		134	40	43
Person-years	838,219	152,803	31,133		69,166	14,754	4,522
Rate per 100 PY	0.11 (0.11-0.12)	0.26 (0.24-0.29)	0.84 (0.75-0.95)		0.19 (0.16-0.23)	0.27 (0.20-0.37)	0.95 (0.71-1.28)
Black							
Events, N	613	307	186		83	31	13
Person-years	381,759	85,948	21,863		31,131	7,141	2,443
Rate per 100 PY	0.16 (0.15-0.17)	0.36 (0.32-0.40)	0.85 (0.74-0.98)		0.27 (0.22-0.33)	0.43 (0.31-0.62)	0.53 (0.31-0.92)
Hispanic							
Events, N	238	142	79		30	11	6
Person-years	381,531	51,402	9,890		32,947	4,822	1,263
Rate per 100 PY	0.06 (0.05-0.07)	0.28 (0.23-0.33)	0.80 (0.64-1.00)		0.09 (0.06-0.13)	0.23 (0.13-0.41)	0.47 (0.21-1.06)
Asian/Pacific Islander							

Events, N	44	19	8		8	1	4
Person-years	73,859	11,058	1,697		6,338	1,127	218
Rate per 100 PY	0.06 (0.04-0.08)	0.17 (0.11-0.27)	0.47 (0.24-0.94)		0.13 (0.06-0.25)	0.09 (0.01-0.63)	1.83 (0.69-4.87)
Other/Unknown							
Events, N	120	51	15		37	7	0
Person-years	189,933	15,433	1,977		15,646	1,612	198
Rate per 100 PY	0.06 (0.05-0.08)	0.33 (0.25-0.43)	0.76 (0.46-1.26)		0.24 (0.17-0.33)	0.43 (0.21-0.91)	--

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