

Supplemental File 1 – Tables and Figures

Health and Wellbeing after COVID-19 vaccination: interim results from the VAC4COVID cohort safety study of vaccines against COVID-19

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Table S1: Baseline characteristics and vaccine distribution (full version)

Participants, n (% of total) ¹		Participants receiving each vaccine, n (% of category) ¹				
		ChAdOx1		BNT162b2		Other
		Single dose	Two doses	Single dose	Two doses	Any doses
Overall	11,475 (100)	331 (2.9)	5,497 (47.9)	270 (2.4)	4,240 (36.9)	1,137 (9.9)
Sex						
Male	4,609 (40.2)	135(2.9)	2,351(51.0)	94(2.0)	1,574(34.2)	455(9.9)
Female	6,855 (59.7)	196(2.9)	3,141(45.8)	176(2.6)	2,661(38.8)	681(9.9)
Age (yrs)						
18-39	1,788 (15.6)	18(1.0)	280(15.7)	107(6.0)	1,109(62.0)	274(15.3)
40-64	4,661 (40.6)	176(3.8)	2,811(60.3)	68(1.5)	1,170(25.1)	436(9.4)
65+	5,023 (43.8)	137(2.7)	2,406(47.9)	95(1.9)	1,959(39)	426(8.5)
BMI (kg/m ²)						
<18.5	163 (1.4)	5(3.1)	82(50.3)	<5	61(37.4)	13(8.0)
18.5-<25	3,780 (32.9)	84(2.2)	1,795(47.5)	96(2.5)	1,492(39.5)	313(8.3)
25-<30	3,728 (32.5)	83(2.2)	1,906(51.1)	71(1.9)	1,352(36.3)	316(8.5)
30-<40	2,441 (21.3)	75(3.1)	1,155(47.3)	57(2.3)	914(37.4)	240(9.8)
40+	518 (4.5)	14(2.7)	260(50.2)	10(1.9)	197(38.0)	37(7.1)
Ethnicity						
Other	275 (2.4)	13(4.7)	103(37.5)	11(4.0)	120(43.6)	28(10.2)
White	11,200 (97.6)	318(2.8)	5,394(48.2)	259(2.3)	4,120(36.8)	1,109(9.9)
No. in household						
1	1,871 (16.3)	48(2.6)	897(47.9)	39(2.1)	713(38.1)	174(9.3)
2-4	8416 (73.3)	206(2.4)	4158(49.4)	186(2.2)	3161(37.6)	705(8.4)
5+	343 (3.0)	7(2.0)	143(41.7)	11(3.2)	142(41.4)	40(11.7)
Education						
Up to High School	2050 (17.9)	80(3.9)	986(48.1)	45(2.2)	700(34.1)	239(11.7)
College or University	6227 (54.3)	192(3.1)	2973(47.7)	147(2.4)	2316(37.2)	609(9.8)
Post Graduate	3,198 (27.9)	69(2.2)	1,538(48.1)	78(2.4)	1,224(38.3)	289(9.0)

Occupational status						
Unemployed	524 (4.6)	20(3.8)	214(40.8)	18(3.4)	203(38.7)	69(13.2)
Employed	5,053 (44.0)	146(2.9)	2,103(41.6)	159(3.1)	2,038(40.3)	607(12.0)
Retired	5,898 (51.4)	165(2.8)	3,180(53.9)	93(1.6)	1,999(33.9)	461(7.8)
Currently smoke						
No	10,189 (88.8)	245(2.4)	4,999(49.1)	223(2.2)	3,844(37.7)	878(8.6)
Yes	441 (3.8)	16(3.6)	199(45.1)	13(2.9)	172(39.0)	41(9.3)
Ever smoked						
No	6,389 (55.7)	129(2.0)	3,090(48.4)	135(2.1)	2,470(38.7)	565(8.8)
Yes	4,241 (37.0)	132(3.1)	2,108(49.7)	101(2.4)	1,546(36.5)	354(8.3)
No. of co-morbidities						
None	3,548 (30.9)	133(3.7)	1,496(42.2)	126(3.6)	1,312(37.0)	481(13.6)
1	2,867 (25.0)	67(2.3)	1,463(51.0)	56(2.0)	1,057(36.9)	224(7.8)
2	2,253 (19.6)	58(2.6)	1,109(49.2)	36(1.6)	856(38.0)	194(8.6)
3+	2,807 (24.5)	73(2.6)	1,429(50.9)	52(1.9)	1,015(36.2)	238(8.5)
No. of medications						
None	3,346 (29.2)	124(3.7)	1,433(42.8)	127(3.8)	1,201(35.9)	461(13.8)
1-2	3,285 (28.6)	88(2.7)	1,586(48.3)	71(2.2)	1,239(37.7)	301(9.2)
3-4	2,337 (20.4)	49(2.1)	1,188(50.8)	34(1.5)	896(38.3)	170(7.3)
4+	2,507 (21.8)	70(2.8)	1,290(51.5)	38(1.5)	904(36.1)	205(8.2)
Advised to shield						
Yes	960 (8.4)	32(3.3)	506(52.7)	21(2.2)	293(30.5)	108(11.2)
No	9,600 (83.7)	225(2.3)	4,660(48.5)	213(2.2)	3,702(38.6)	800(8.3)
Had COVID before vaccination						
Yes	1,256 (10.9)	40(3.2)	544(43.3)	33(2.6)	504(40.1)	135(10.7)
No	9,304 (81.1)	217(2.3)	4,622(49.7)	201(2.2)	3,491(37.5)	773(8.3)
¹ Subgroups may not sum to the total because unknowns are omitted.						
BMI, Body Mass Index.						

Figure S1: Study Flow Diagram

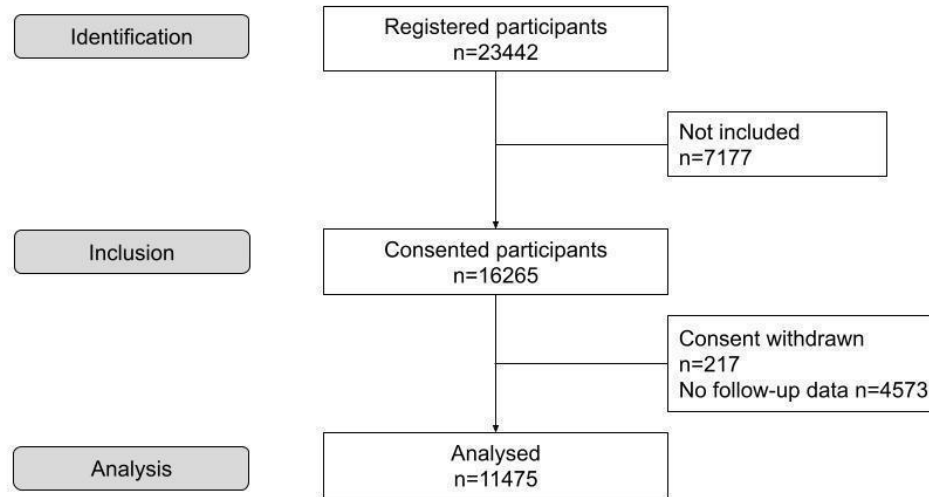


Figure S2: Follow up records reporting a perceived improvement in health and wellbeing

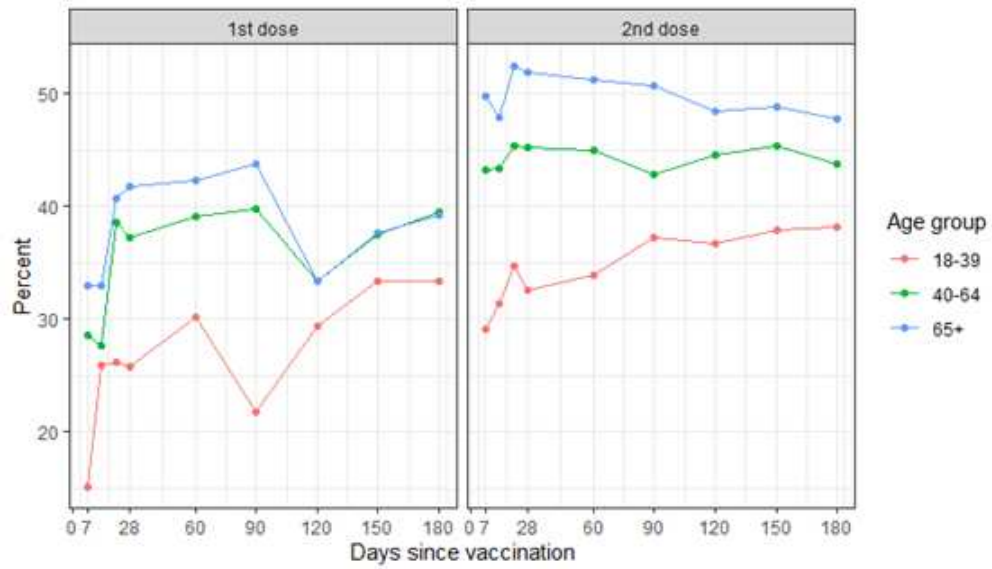


Figure S3: Kaplan-Meier curves for menstrual symptoms in women aged <65

