

1. Comparing baseline characteristics of intervention clinics whereby at least one patient received the full intervention vs characteristics of intervention clinics where no patient received the full intervention

Characteristic	Intervention clinics with at least one participant who completed full intervention (n=16)	Intervention clinics with no participant who completed full intervention (n=6)	p-value
Type of practice			1.00
Single GP practice	2 (12.5%)	1 (16.7%)	
Group GP practice/community health centre/interdisciplinary practice	12 (75.0%)	5 (83.3%)	
Community health centre	1 (6.3%)	0 (0.0%)	
Interdisciplinary practice	1 (6.3%)	0 (0.0%)	
Number of GPs, median [IQR]	8 [4.5-12.5]	4 [4-5]	0.053
Number of patients on database, median [IQR]	9657 [7843-43289]	4900 [1182-12160]	0.15
Spirometer available	5 (31.3%)	2 (33.3%)	1.00
Staff training in Smoking cessation in past two years	2 (12.5%)	1 (16.7%)	1.00
Staff training in COPD management in past two years	3 (18.9%)	0 (0%)	0.53
Staff training in Spirometry in past two years	5 (31.3%)	1 (16.7%)	0.63

2. Comparing baseline characteristics of those who completed the trial (i.e. was able to be followed up at 12 months) vs those who dropped out (i.e. was lost to follow-up at 12 months)

Characteristic	Completed trial (n=190)	Did not complete trial (n=82)	p-value^f
Age, mean (SD)	66.0 (10.1)	61.2 (11.6)	0.008
Gender, male	116 (61.1%)	51 (62.2%)	0.87
Born in Australia^a	144 (75.8%)	56 (70.9%)	0.41
Mainly speak English at home	188 (98.9%)	79 (96.3%)	0.16
Education^a			0.16
No formal schooling/up to primary school/primary school	9 (4.7%)	9 (11.4%)	
High school	94 (49.5%)	37 (46.8%)	
Technical/further education	50 (26.3%)	23 (29.1%)	
University education/postgraduate	37 (19.5%)	10 (12.7%)	
Employment status^a			0.54
Employed-full/part-time/casual	50 (26.7%)	26 (31.7%)	
Retired/pensioner	106 (56.7%)	46 (56.1%)	
Unemployed/home duties/student/unable to work/disabled	31 (16.6%)	10 (12.2%)	
Marital status^a			0.002
Married/de-facto/engaged	100 (52.6%)	22 (27.8%)	
Separated/divorced/widowed/never married/single	90 (47.4%)	56 (70.9%)	
Undisclosed	0 (0.0%)	1 (1.3%)	
Current living arrangements^a			0.047
With family/friends/spouse/partner	130 (68.4%)	43 (54.4%)	
Alone at home	56 (29.5%)	31 (39.2%)	

Shared accommodation/community housing/refuge accommodation/residential facility/residential aged care facility	4 (2.1%)	5 (6.3%)	
Average annual household income^b			0.17
<AUD \$30,000	82 (44.3%)	37 (48.7%)	
AUD \$30,000-\$59,999	42 (22.7%)	15 (19.7%)	
AUD \$60,000 or more	41 (22.2%)	8 (10.5%)	
Did not want to disclose	20 (10.8%)	16 (21.1%)	
Previously managed as having COPD	88 (46.3%)	42 (51.2%)	0.41
Currently smoking	112 (58.9%)	54 (65.9%)	0.32
Heaviness of Smoking Index score (current smokers only)^c			0.97
Low nicotine dependence (score 0-2)	31 (27.9%)	14 (27.5%)	
Moderate nicotine dependence (score 3-4)	62 (55.9%)	28 (54.9%)	
High nicotine dependence (score 5-6)	18 (16.2%)	9 (17.6%)	
Post-bronchodilator FEV₁ %predicted, mean (SD)^a	71.9 (19.7)	64.8 (19.8)	0.017
Post-bronchodilator FEV₁ / FVC, mean (SD)^a	0.58 (0.11)	0.55 (0.13)	0.11
Disease severity^a			0.21
Mild	140 (74.1%)	50 (62.5%)	
Moderate	35 (18.5%)	21 (26.3%)	
Severe	14 (7.4%)	9 (11.3%)	
SGRQ score, mean (SD)^d	31.6 (17.3)	33.4 (20.0)	0.45
CAT score, mean (SD)	12.8 (7.4)	14.2 (8.3)	0.15
HADS anxiety score, median [IQR]^e	5 [3-8]	7 [3-10]	0.31
HADS depression score, median [IQR]^e	4 [2-7]	5 [3-7]	0.38
mMRC grade, median [IQR]	1 [0-2]	1 [0-2]	0.72

^aData unavailable for n=3 ^bData unavailable for n=11 ^cData unavailable for n=4 ^dData unavailable for n=14 ^eData unavailable for n=8 ^fAll p values are adjusted for clustering effect

3. Comparing baseline characteristics between full intervention group in intervention arm vs those who did not receive full intervention in intervention arm

Characteristic	Full intervention (n=49)	Did not receive full intervention (n=108)	p-value^f
Age, mean (SD)	67.7 (10.1)	66.2 (11.2)	0.43
Gender, male	27 (55.1%)	68 (63.0%)	0.34
Born in Australia^a	38 (77.6%)	76 (72.4%)	0.45
Mainly speak English at home	49 (100.0%)	105 (97.2%)	0.65
Education^a			0.17
No formal schooling/up to primary school/primary school	3 (6.1%)	11 (10.5%)	
High school	19 (38.8%)	49 (46.7%)	
Technical/further education	16 (32.7%)	35 (33.3%)	
University education/postgraduate	11 (22.5%)	10 (9.5%)	
Employment status			0.68
Employed-full/part-time/casual	18 (36.7%)	33 (30.6%)	
Retired/pensioner	25 (51.0%)	59 (54.6%)	
Unemployed/home duties/student/unable to work/disabled	6 (12.2%)	16 (14.8%)	
Marital status^a			0.02
Married/de-facto/engaged	28 (57.1%)	41 (39.1%)	
Separated/divorced/widowed/never married/single	21 (42.9%)	64 (60.9%)	
Current living arrangements^a			0.78
With family/friends/spouse/partner	33 (67.4%)	64 (61.0%)	
Alone at home	16 (32.7%)	35 (33.3%)	

Shared accommodation/community housing/refuge accommodation/residential facility/residential aged care facility	0 (0.0%)	6 (5.7%)	
Average annual household income^b			0.78
<AUD \$30,000	22 (44.9%)	52 (52.0%)	
AUD \$30,000-\$59,999	12 (24.5%)	20 (20.0%)	
AUD \$60,000 or more	10 (20.4%)	21 (21.0%)	
Did not want to disclose	5 (10.2%)	7 (7.0%)	
Previously managed as having COPD	29 (59.2%)	45 (41.7%)	0.06
Currently smoking	22 (44.9%)	62 (57.4%)	0.15
Heaviness of Smoking Index score (current smokers only)^c			0.98
Low nicotine dependence (score 0-2)	5 (23.8%)	16 (27.1%)	
Moderate nicotine dependence (score 3-4)	12 (57.1%)	32 (54.2%)	
High nicotine dependence (score 5-6)	4 (19.1%)	11 (18.6%)	
Post-bronchodilator FEV₁ %predicted, mean (SD)^d	68.3(20.6)	69.3 (20.5)	0.75
Post-bronchodilator FEV₁ / FVC, mean (SD)^d	0.57 (0.14)	0.57 (0.12)	0.93
Disease severity^d			0.49
Mild	32 (66.7%)	76 (71.0%)	
Moderate	9 (18.8%)	21 (19.6%)	
Severe	7 (14.6%)	10 (9.4%)	
SGRQ score, mean (SD)^b	38.4 (17.8)	29.9 (17.4)	0.004
CAT score, mean (SD)	15.4 (7.7)	11.8 (7.3)	0.002
HADS anxiety score^b, median [IQR]	5 [3-9]	6 [3-9]	0.59
HADS depression score^e, median [IQR]	5 [3-7]	5 [2-7]	0.57
mMRC grade, median [IQR]	1 [1-2]	1 [0-2]	0.10

^aData unavailable for n=3 ^bData unavailable for n=8 ^cData unavailable for n=4 ^dData unavailable for n=2 ^eData unavailable for n=6 ^fAll p values are adjusted for clustering effect

4. Comparing baseline respiratory medications in the intervention group only between those who completed HMR vs those who did not complete HMR

Characteristic^a	Did not complete HMR (n=76)	Completed HMR (n=81)	p-value^b
SABA	22 (29.0%)	34 (42.5%)	0.019
SAMA	2 (2.6%)	3 (3.8%)	0.72
ICS alone	3 (4.0%)	2 (2.5%)	0.61
ICS/LABA alone	11 (14.5%)	8 (10.0%)	0.22
LABA/LAMA alone	0 (0%)	2 (2.5%)	0.52
LABA alone	0 (0.0%)	0 (0.0%)	---
LAMA alone	11 (14.5%)	18 (22.5%)	0.20
Triple therapy (ICS & LABA & LAMA)	15 (19.7%)	25 (31.3%)	0.06
Number of non-respiratory medications	3 [2-6]	5 [2-8]	0.12

Medication data was missing for 1 participant

^aData are presented as number(percentage) or median (inter-quartile range)

^bAll p values are adjusted for clustering effect

5. Comparing baseline motivation to quit scores across groups at baseline (for current smokers only)

Characteristic (median [IQR])	Usual care (n=82)	Intervention (n=84)	p-value^b
Motivation to quit (current smokers only)^a	5 [3-8]	6 [3-8]	0.26

^a missing data for 3 participants ^bAll p values are adjusted for clustering effect