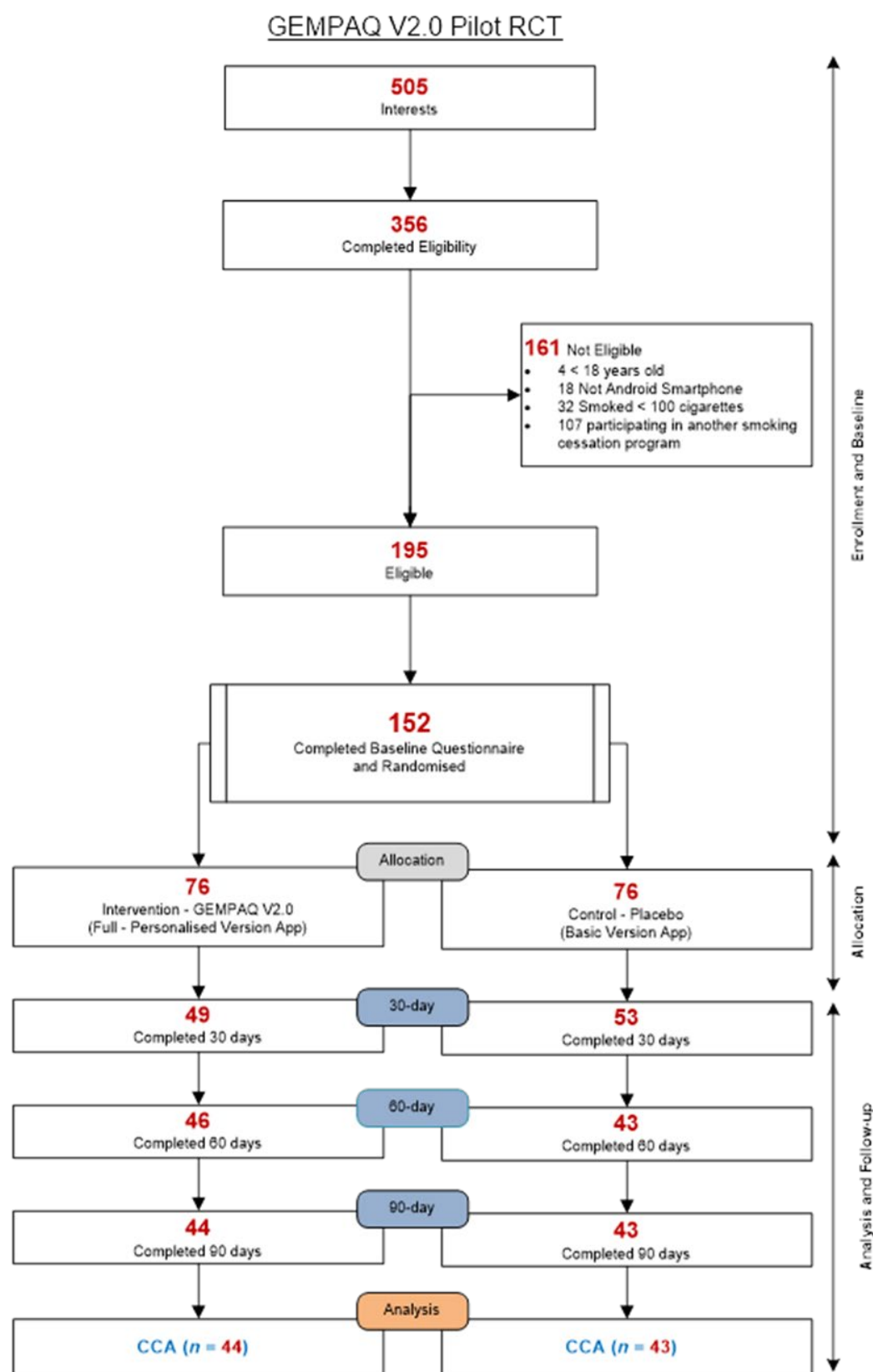


Participant Flow: CONSORT Flowchart of GEMPAQ V2.0 Pilot RCT



Baseline Characteristics

Characteristics	Intervention Personalised Version (<i>n</i> = 44) <i>n</i> (%)	Control Basic Version (<i>n</i> = 43) <i>n</i> (%)	Total (<i>n</i> = 87) <i>n</i> (%)	<i>p</i> -Value
Sex				
Male	40 (90.9)	37 (86.0)	77 (88.5)	0.477
Female	4 (9.1)	6 (14.0)	10 (11.5)	
Age (mean (SD)) years	35.3 (10.22)	41.6 (13.27)	38.5 (11.75)	0.014*
Ethnicity				
Malay	30 (68.2)	16 (37.2)	46 (52.7)	0.014*
Chinese	5 (11.4)	9 (20.9)	14 (16.2)	
Indian	1 (2.3)	7 (16.3)	8 (9.3)	
Others	8 (18.2)	11 (25.6)	19 (21.8)	
Marital Status				
Married/Cohabiting	23 (52.3)	27 (62.8)	50 (57.5)	0.067
Separated/Divorced/Widowed	1 (2.3)	5 (11.6)	6 (6.9)	
Single	20 (45.5)	11 (25.6)	31 (35.6)	
Education				
Low (upper secondary and lower)	22 (50.0)	22 (51.2)	44 (50.6)	0.919
Moderate (diploma certificate)	7 (15.9)	8 (13.3)	15 (17.2)	
High (university and higher)	15 (34.1)	13 (30.2)	28 (32.2)	
Employment Status				
Full Time	32 (72.7)	36 (83.7)	68 (78.2)	0.414
Part Time	2 (4.5)	3 (7.0)	5 (5.7)	
Unemployed/Retired/Home Duties/Others	7 (15.9)	3 (7.0)	10 (11.5)	
Student	3 (6.8)	1 (2.3)	4 (4.6)	
Monthly Income				
Low (less than USD1088)	37 (84.1)	23 (53.5)	60 (69.0)	0.003*
Middle (USD1089 to USD2461)	4 (9.1)	16 (37.2)	20 (23.0)	
High (USD2462 and above)	3 (6.8)	4 (9.3)	7 (8.0)	
Smoking Behaviour				
Age started smoking years (mean (SD))	18.3 (3.26)	17.1 (2.51)	17.7 (2.89)	0.049*
Cigarettes per day (mean (SD))	8.5 (6.08)	10.2 (4.96)	9.4 (5.52)	0.150
At least one prior quit attempt	29 (65.9)	17 (39.5)	46 (52.9)	0.018*

**p* < 0.05

Summary of Self-Reported Abstinence

Type	Measure	Group	Day 7 ¹	4-week	Difference from Control ²	8-week	Difference from Control ²	12-week	Difference from Control ²
			n (%)	n (%)	OR (95% CI) p value	n (%)	OR (95% CI) p value	n (%)	OR (95% CI) p value
CCA Intervention (n= 44) and Control (n=43)	7-day PPA Self-Reported Abstinence	Intervention	3 (6.8)	24 (54.5)	6.08 (1.19 - 31.01)	30 (68.2)	7.35 (1.29 - 41.77)	26 (59.1)	2.80 (0.47 - 16.62)
		Control	2 (4.7)	5 (11.6)	p = 0.030	7 (16.3)	p = 0.025	11 (25.6)	p = 0.257
	30-day PPA Self-Reported Abstinence	Intervention	3 (6.8)	7 (15.9)	1.68 (0.48 - 5.85)	18 (40.9)	3.51 (0.61 - 20.21)	20 (45.5)	4.22 (0.78 - 22.76)
		Control	2 (4.7)	3 (7.0)	p = 0.414	5 (11.6)	p = 0.160	5 (11.6)	p = 0.094

¹Start marker only

²Time*Group Interactions using Generalized Estimating Equations Analysis

Summary of Self-Reported Nicotine Dependence

Measure	Group	Baseline	4-week	Difference from Control ¹	8-week	Difference from Control ¹	12-week	Difference from Control ¹
		n (%)	n (%)	OR (95% CI) p value	n (%)	OR (95% CI) p value	n (%)	OR (95% CI) p value
CCA Intervention (n= 44) and Control (n=43)	Low (0-4)	Intervention	17 (38.6)	33 (75.0)		36 (81.8)	34 (77.3)	
		Control	8 (18.6)	11 (25.6)		17 (39.8)	16 (37.2)	
	Medium (5)	Intervention	5 (11.4)	8 (18.2)	0.22 (0.10 - 0.49)	5 (11.4)	6 (13.6)	0.24 (0.09 - 0.61)
		Control	11 (25.6)	12 (27.9)	p <0.001	7 (16.3)	6 (14.0)	p = 0.003
	High (6-10)	Intervention	22 (50.0)	3 (6.8)		3 (6.8)	4 (9.1)	
		Control	24 (55.8)	20 (46.5)		19 (44.2)	21 (48.8)	

¹Time*Group Interactions using Generalized Estimating Equations Analysis

“There were no adverse events associated with this study.”