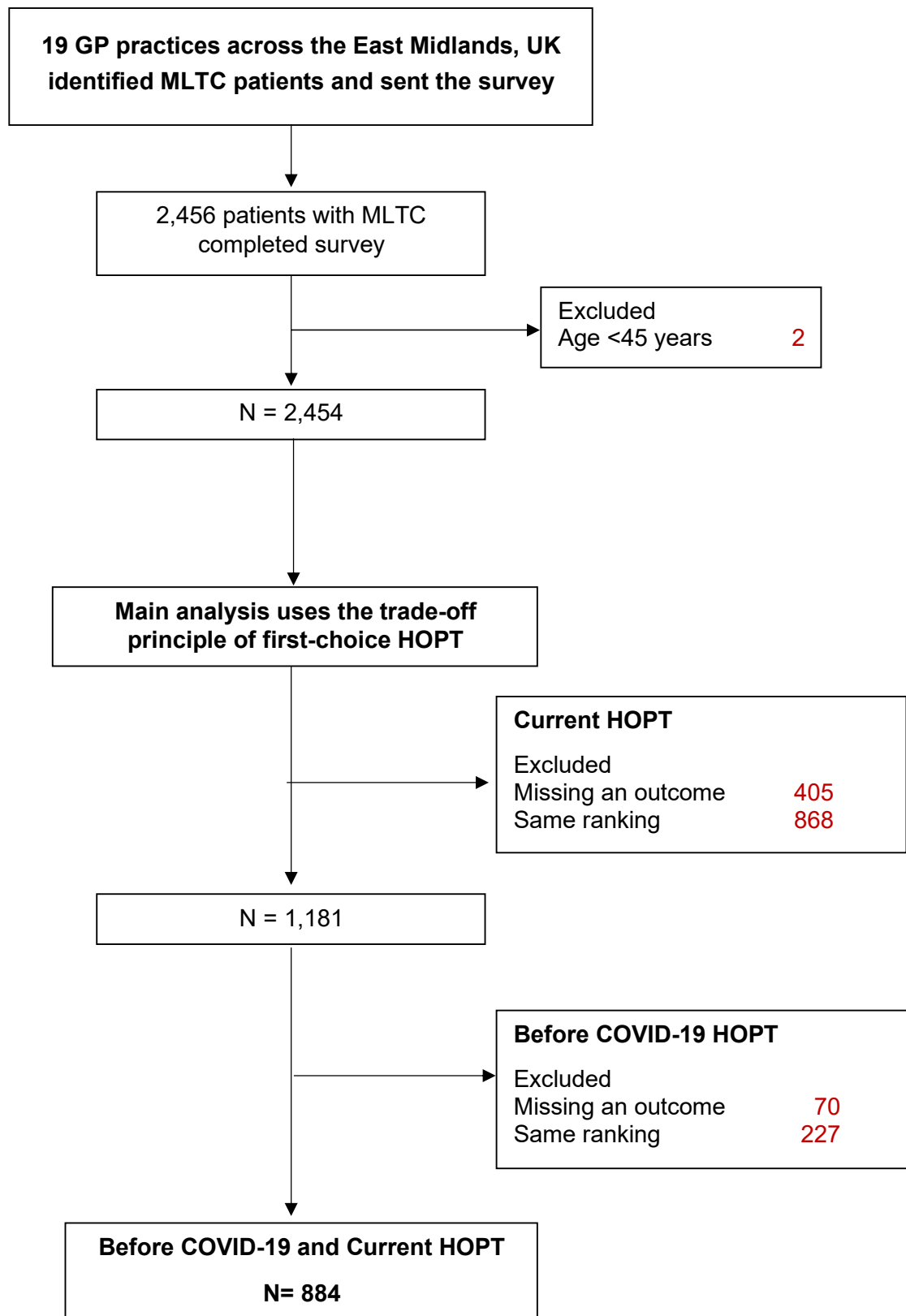


Participant flow



MLTC=multiple long-term conditions; HOPT=health outcome priority tool.

Baseline characteristics

Characteristics	N (%)
Total	884
Age, y, mean [SD]	64.0 [10.0]
45 - 65 y	483 (54.6)
≥ 65 y	398 (45.0)
Missing	3 (0.3)
Gender	
Female	491 (55.5)
Male	379 (42.9)
Prefer not to say or missing	14 (1.6)
Ethnicity	
White	821 (92.9)
Non-white	47 (5.3)
Missing	16 (1.8)
Education	
None	141 (16.0)
GCSE, A Levels or equivalent	424 (48.0)
Higher education	239 (27.0)
Other (e.g., NVQ, nursing, missing)	80 (9.1)
Employment status	
Working	297 (33.6)
Unemployed	69 (7.8)
Retired	445 (50.3)
Other (student, volunteer, missing)	73 (8.3)
Taking regular medication	
Yes	836 (94.6)
No	44 (5.0)
Missing	4 (0.5)
Number of medications, median [IQR]	5 [3-7]
Polypharmacy (≥5 medications)	472 (57.7)
At high risk of COVID-19 (vulnerable)	
Yes	605 (68.4)
No	270 (30.5)
Missing	9 (1.0)
No. conditions*, median [IQR]	3 [2-4]
Cardiometabolic	584 (66.1)
Musculoskeletal or chronic pain	480 (54.3)
Mental health	324 (36.7)
Respiratory	291 (32.9)

Shown are the number of subjects (%) unless stated otherwise.

Y=years; SD=standard deviation; No.=number; IQR=interquartile range.

* Self-reported long-term conditions.

Cardiometabolic: diabetes, heart disease, atrial fibrillation, high blood pressure, stroke.

Musculoskeletal and chronic pain: arthritis, osteoporosis, long-term pain.

Mental health: depression and anxiety.

Respiratory: chronic obstructive pulmonary disease, asthma, and obstructive sleep ap

Outcome measures

Current first-choice health outcome priority by respondent sociodemographic factors and clusters of conditions

	Maintaining independence	Keeping Alive	Reducing pain	Reducing other symptoms	P-value
All participants (n=884)	288 (32.6)	386 (43.7)	121 (13.7)	89 (10.1)	
Age					
45 - 65 y	138 (28.6)	229 (47.4)	66 (13.7)	50 (10.4)	0.034
≥ 65 y	149 (37.4)	156 (39.2)	54 (13.6)	39 (9.8)	
Gender					
Female	171 (34.8)	201 (40.9)	69 (14.1)	50 (10.2)	0.278
Male	114 (30.1)	179 (47.2)	47 (12.4)	39 (10.3)	
Ethnicity					
White	226 (32.4)	361 (44.0)	112 (13.6)	82 (10.0)	0.860
Non-white	13 (27.7)	22 (46.8)	6 (12.8)	6 (13.8)	
Education					
None	34 (24.1)	62 (44.0)	20 (14.2)	25 (17.7)	<0.001
GCSE, A Levels or equivalent	136 (32.1)	197 (46.5)	56 (13.2)	35 (8.3)	
Higher education	99 (41.4)	98 (41.0)	29 (12.1)	13 (5.4)	
Other (e.g., NVQ, nursing, missing)	19 (23.8)	29 (36.3)	16 (20.0)	16 (20.0)	
Employment status					
Working	81 (27.3)	160 (53.9)	34 (11.5)	22 (7.4)	<0.001
Unemployed	17 (24.6)	22 (31.9)	16 (23.2)	14 (20.3)	
Retired	170 (38.2)	173 (38.9)	59 (13.3)	43 (9.7)	
Other (student, volunteer, missing)	20 (27.4)	31 (42.5)	12 (16.4)	10 (13.7)	
At high risk of COVID-19					
No	70 (25.9)	119 (44.1)	48 (17.8)	33 (12.2)	0.008
Yes	214 (35.4)	265 (43.8)	73 (12.1)	53 (8.8)	
Cardiometabolic conditions					
No	84 (28.0)	131 (43.7)	43 (14.3)	42 (14.0)	0.018
Yes	204 (34.9)	255 (43.7)	78 (13.4)	47 (8.1)	
Musculoskeletal or chronic pain					
No	141 (34.9)	184 (45.5)	41 (10.2)	38 (9.4)	0.030
Yes	147 (30.6)	202 (42.1)	80 (16.7)	51 (10.6)	
Mental health conditions					
No	190 (33.9)	255 (45.5)	68 (12.1)	47 (8.4)	0.029
Yes	98 (30.3)	131 (40.4)	53 (16.4)	42 (13.0)	
Respiratory conditions					
No	196 (33.1)	267 (45.0)	77 (13.0)	53 (8.9)	0.281
Yes	92 (31.6)	119 (40.9)	44 (15.1)	36 (12.4)	

Before COVID-19 first-choice health outcome priority by respondent characteristics, N (%) row totals

	Maintaining independence	Keeping alive	Reducing pain	Reducing other symptoms	P-value
All participants (n=884)	301 (34.1)	335 (37.9)	156 (17.7)	92 (10.4)	
Age					
45 - 65 y	141 (29.2)	198 (41.0)	88 (18.2)	56 (11.6)	0.006
≥ 65 y	160 (40.2)	136 (34.2)	67 (16.8)	35 (8.8)	
Gender					
Female	181 (36.9)	162 (33.0)	96 (19.6)	52 (10.6)	0.006
Male	118 (31.1)	168 (44.3)	55 (14.5)	38 (10.0)	
Ethnicity					
White	279 (34.0)	315 (38.4)	142 (17.3)	85 (10.4)	0.946
Non-white	14 (29.8)	19 (40.4)	9 (19.2)	5 (10.6)	
Education					
None	43 (30.5)	45 (31.9)	27 (19.2)	26 (18.4)	0.011
GCSE, A Levels or equivalent	134 (31.6)	174 (41.0)	79 (18.6)	37 (8.7)	
Higher education	98 (41.0)	87 (36.4)	36 (15.1)	18 (7.5)	
Other (e.g., NVQ, nursing, missing)	26 (32.5)	29 (36.3)	14 (17.5)	11 (13.8)	
Employment status					
Working	89 (30.0)	134 (45.1)	48 (16.2)	26 (8.8)	<0.001
Unemployed	18 (26.1)	19 (27.5)	14 (20.3)	18 (26.1)	
Retired	176 (39.6)	159 (35.7)	73 (16.4)	37 (8.3)	
Other (student, volunteer, missing)	18 (24.7)	23 (31.5)	21 (28.8)	11 (15.1)	
At high risk of COVID-19					
No	80 (29.6)	102 (37.8)	52 (19.3)	36 (13.3)	0.101
Yes	219 (36.2)	231 (38.2)	99 (16.4)	56 (9.3)	
Cardiometabolic conditions					
No	90 (30.0)	102 (34.0)	69 (23.0)	39 (13.0)	0.003
Yes	211 (36.1)	233 (39.9)	87 (14.9)	53 (9.1)	
Musculoskeletal or chronic pain					
No	141 (34.9)	158 (39.1)	62 (15.4)	43 (10.6)	0.437
Yes	160 (33.3)	177 (36.9)	94 (19.6)	49 (10.2)	
Mental health conditions					
No	205 (36.6)	220 (39.3)	92 (16.4)	43 (7.7)	0.001
Yes	96 (29.6)	115 (35.5)	64 (19.8)	49 (15.1)	
Respiratory conditions					
No	198 (33.4)	227 (38.3)	108 (18.2)	60 (10.1)	0.856
Yes	103 (35.4)	108 (37.1)	48 (16.5)	32 (11.0)	

Shown are the number of subjects (%) using row totals. P-values calculated by Chi squared test.

Feasibility questions of patient's perceived usefulness of the health outcome prioritisation tool

Feasibility question	N (%)
1) The health outcome prioritisation tool was easy to complete	
Strongly agree	163 (18.4)
Agree	411 (46.5)
Neither agree nor disagree	184 (20.8)
Disagree	76 (8.6)
Strongly disagree	50 (5.7)
2) The health outcome prioritisation was relevant to my healthcare	
Strongly agree	76 (8.6)
Agree	414 (46.9)
Neither agree nor disagree	285 (32.3)
Disagree	72 (8.2)
Strongly disagree	35 (4.0)
3) The health outcome prioritisation tool will be useful in communicating what my priorities are to my doctor	
Strongly agree	86 (9.7)
Agree	440 (49.8)
Neither agree nor disagree	238 (26.9)
Disagree	77 (8.7)
Strongly disagree	43 (4.9)

Missing: 2 for question 2.

Adverse events

There were no adverse events associated with this study.