MRCPUK
Membership of the Royal Colleges of Physicians of the United Kingdom

MRCP(UK) Part 2 written examination December 2022
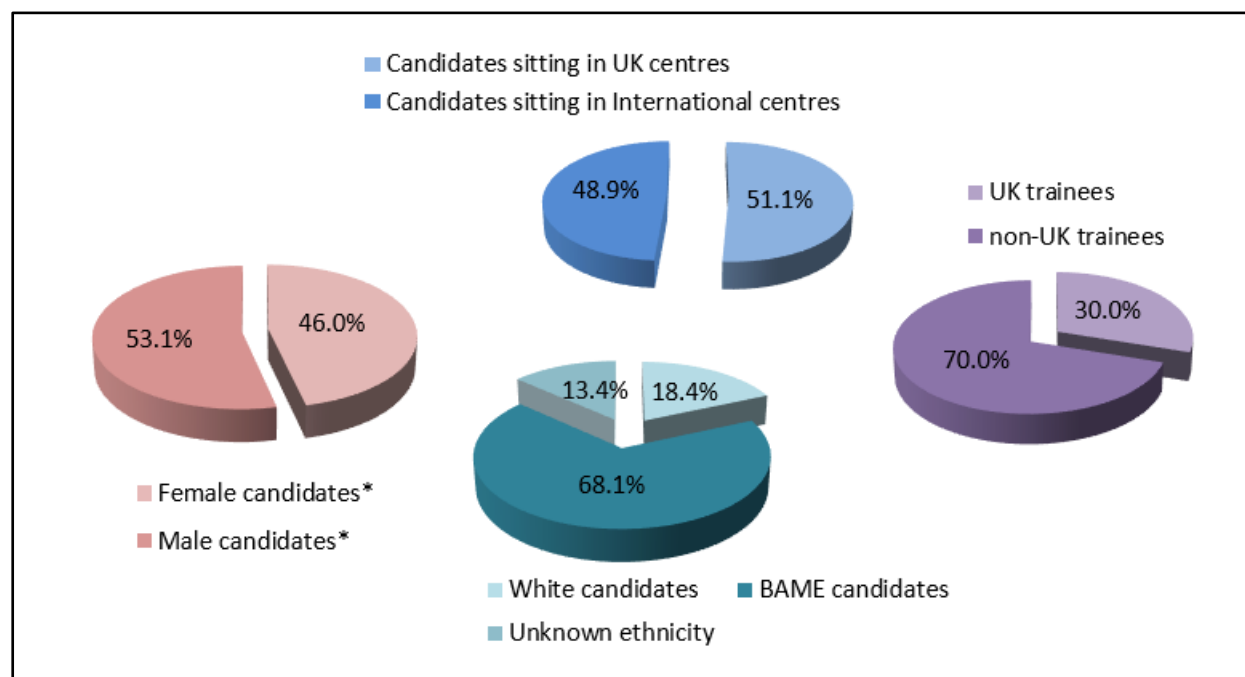
Performance report

Exam statistics

Number of candidates sitting	Number of UK trainees	Candidates not training in the UK	Equated pass score	Reliability (Cronbach alpha)	Standard error of measurement (%)
1551	465	1086	454	0.85	3.1

Candidates sitting in UK centres	Candidates sitting in international centres	Female candidates*	Male candidates*	White candidates	BAME candidates	Unknown ethnicity
792	759	713	823	286	1057	208
51.1%	48.9%	46.0%	53.1%	18.4%	68.1%	13.4%

*not all candidates declare their gender

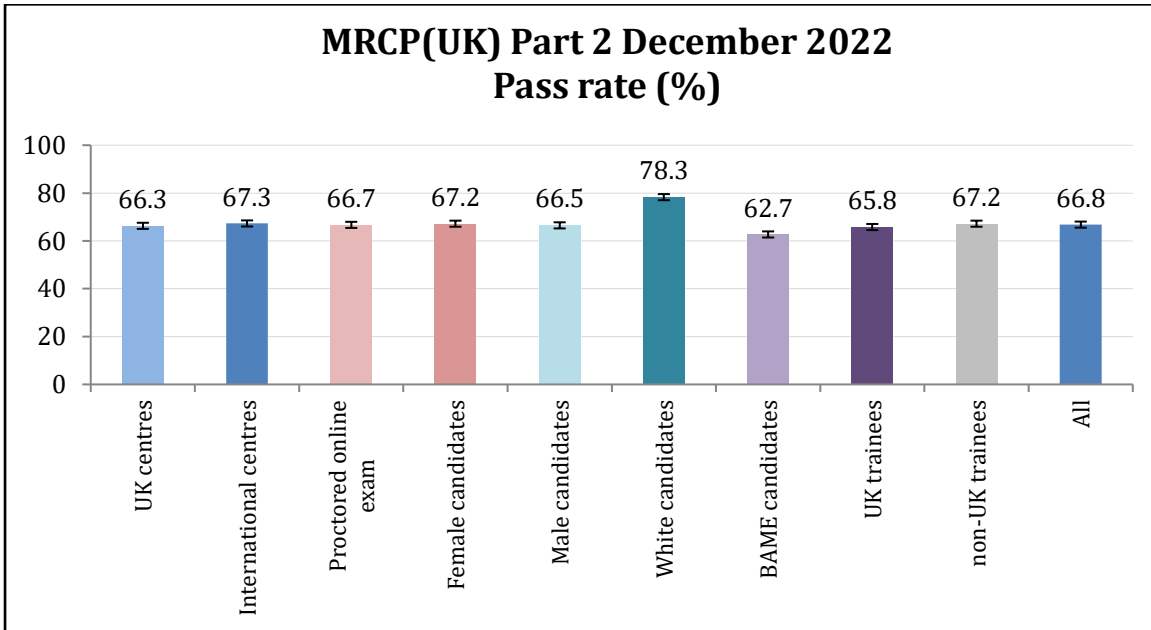The format of the December 2022 exam was a 2-paper exam of 100 questions each.

886 candidates sat an online proctored exam: 792 in UK centres and the rest in India, Malaysia and Myanmar centres; there were more male than female candidates and more BAME than White candidates. 30% of the total 1551 self-declared as being UK trainees.
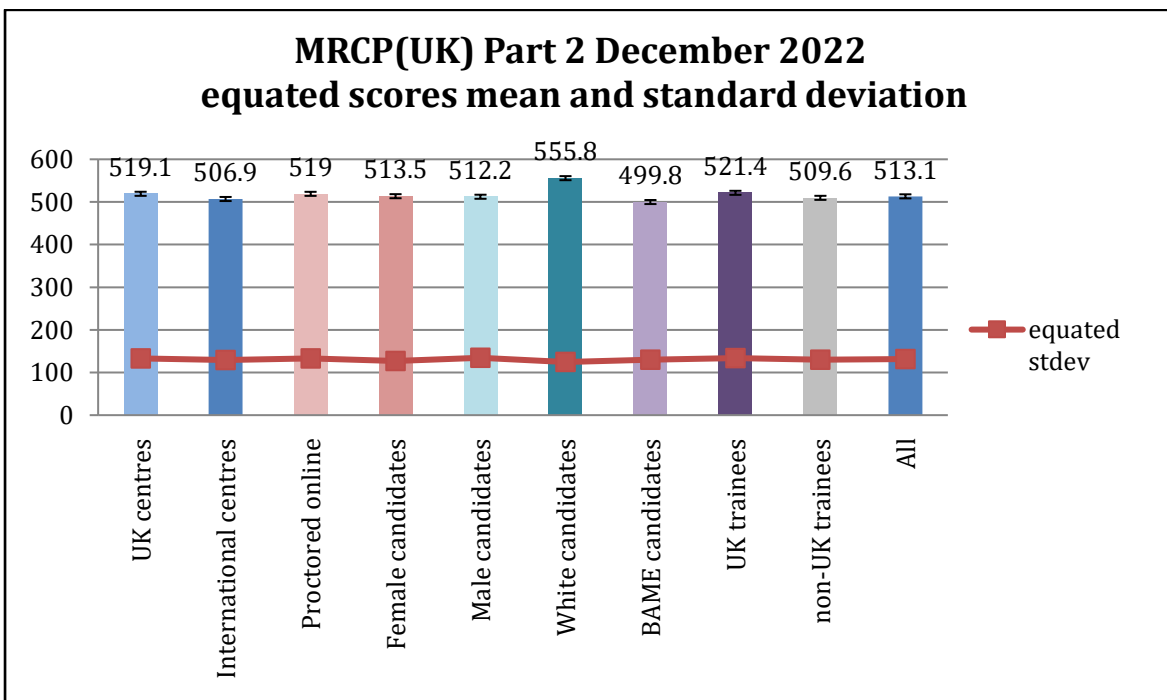
Candidate performance

Candidate numbers and pass rates for all groups are in line with the historical data.
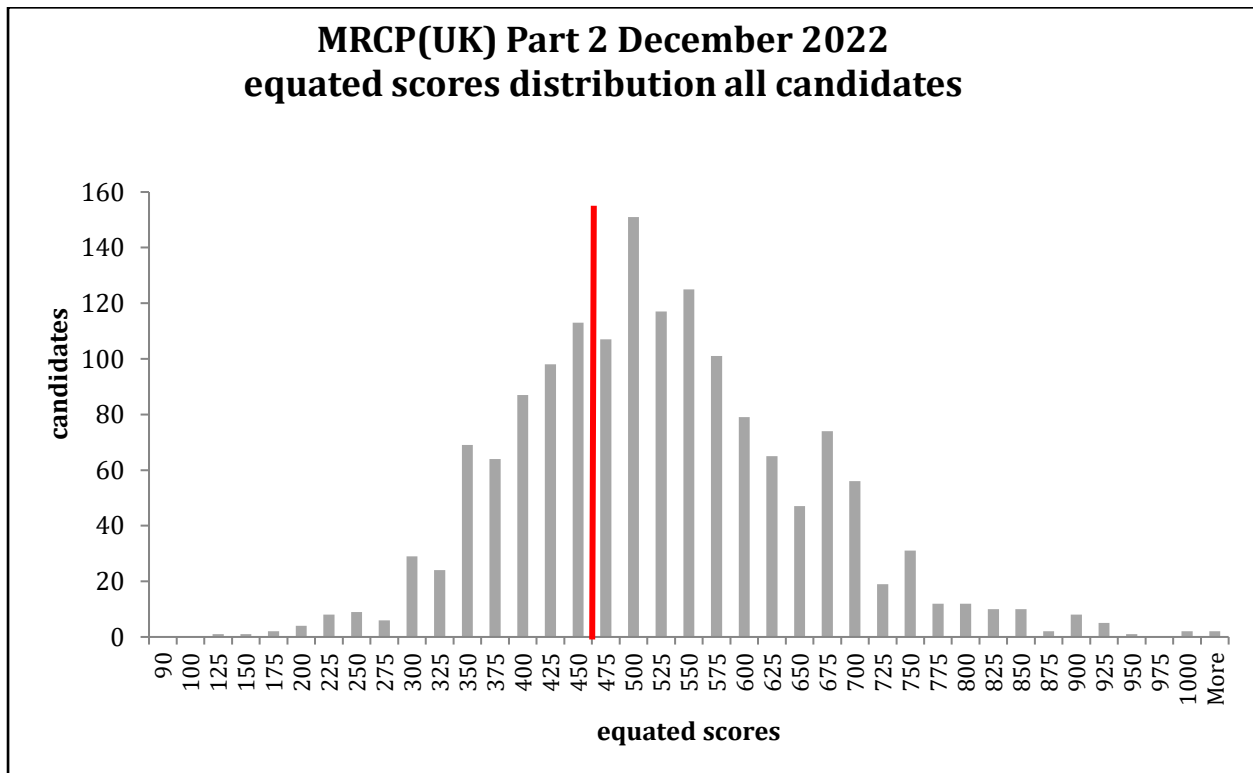
Female candidates are passing in a slightly higher proportion than male candidates, a higher proportion of White candidates is passing than BAME candidates and non-UK trainees have a higher pass rate than those training in the UK (*Note: training data is self-declared*).

MRCP(UK) Part 2 December 2022
Pass rate (%)

Group	Pass rate
UK centres	66.3
International centres	67.3
Proctored online exam	66.7
Female candidates	67.2
Male candidates	66.5
White candidates	78.3
BAME candidates	62.7
UK trainees	65.8
non-UK trainees	67.2
All	66.8

The mean of equated scores is highest for White candidates and lowest for BAME candidates.

MRCP(UK) Part 2 December 2022
equated scores mean and standard deviation

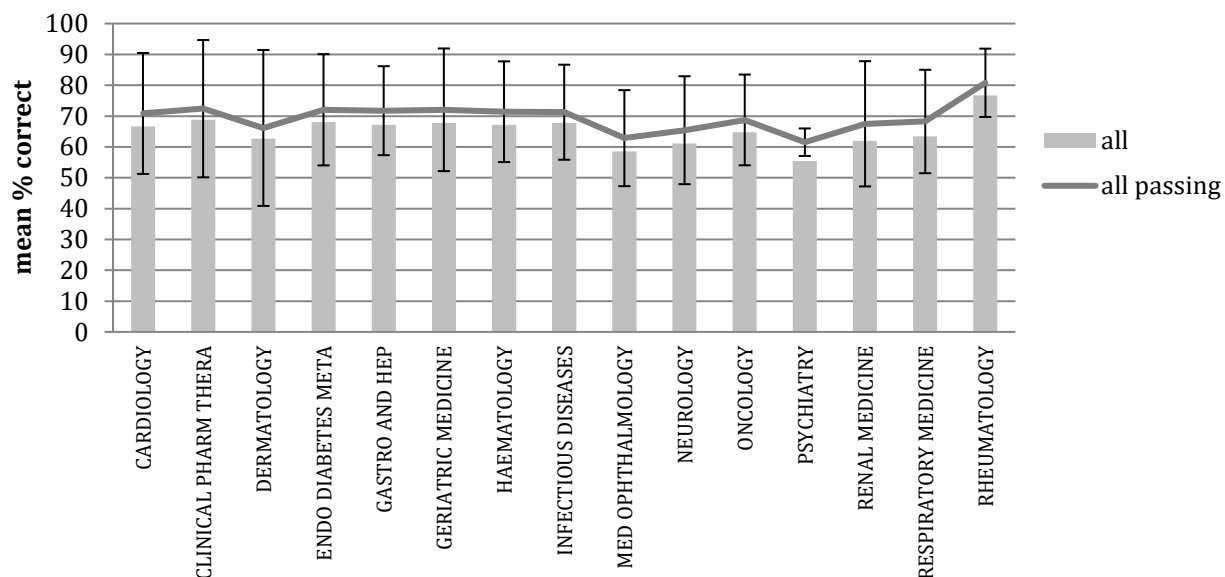| Group	equated mean
UK centres	519.1
International centres	506.9
Proctored online	519
Female candidates	513.5
Male candidates	512.2
White candidates	555.8
BAME candidates	499.8
UK trainees	521.4
non-UK trainees	509.6
All	513.1

(legend: equated stdev)

Candidate scores distribution shows many candidates scoring between 450 and 550 (mean=513.1, stdev=131.3, median=508, mode=508). The pass mark is established at **454**. In this examination the number of correct answers for a pass is **125** out of 200 scored questions.

**MRCP(UK) Part 2 December 2022
equated scores distribution all candidates**

candidates (y-axis)

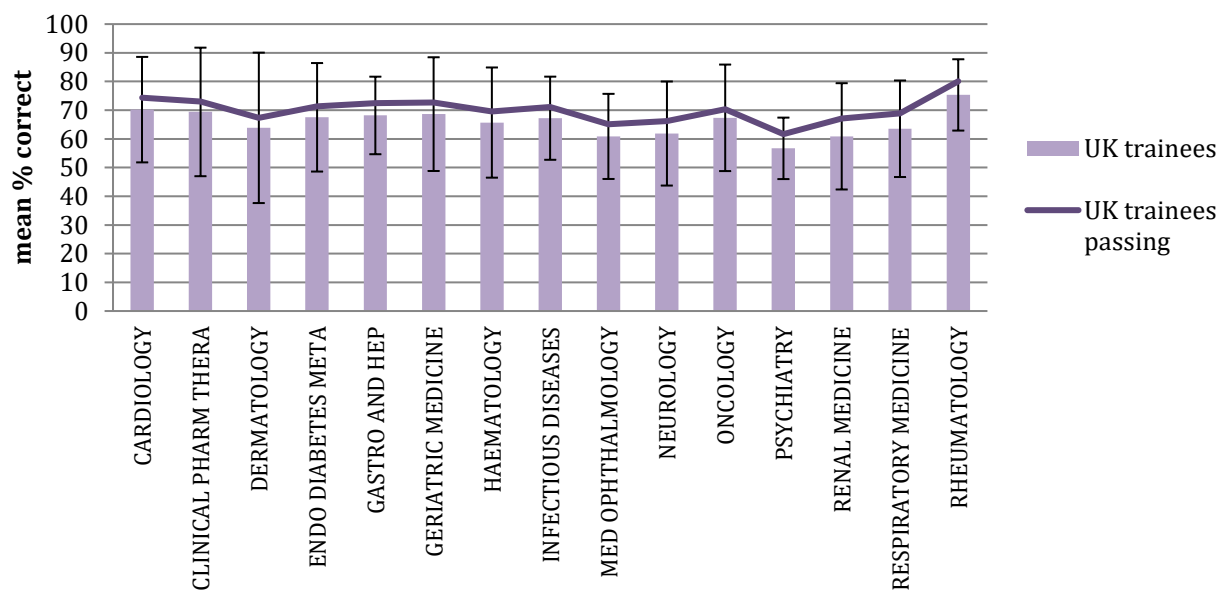equated scores (x-axis)

Topic performance

Candidates overall have the lowest mean percent correct in Psychiatry and the highest mean in Rheumatology. The same outcome is observed for UK trainees.

MRCP(UK) Part 2 December 2022 topic performance all candidates

Error bars =standard deviation

MRCP(UK) Part 2 December 2022 topic performance UK trainees

Error bars =standard deviation

MRCP(UK) Research team
January 2023

ROYAL COLLEGE *of* PHYSICIANS *of* EDINBURGH

ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF GLASGOW

Royal College of Physicians