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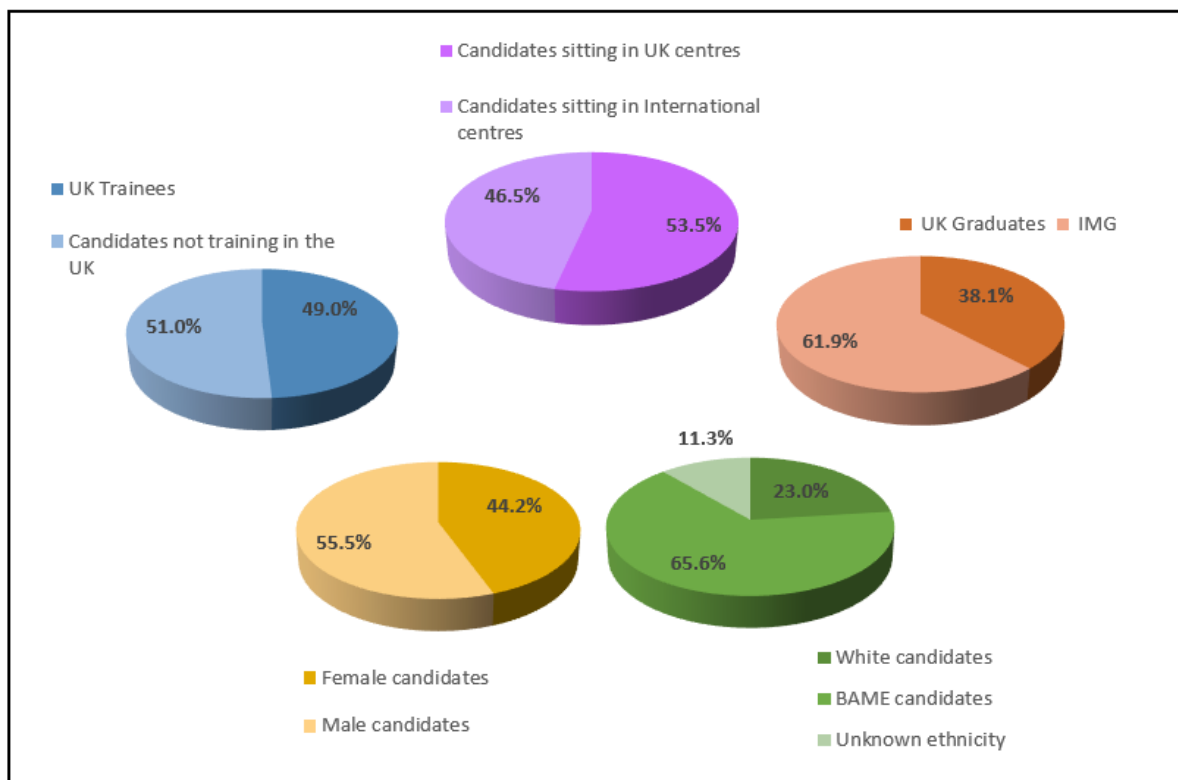Membership of the Royal Colleges of Physicians of the United Kingdom

MRCP(UK) PACES Spring 2022

Performance report

Exam statistics

Number of candidates sitting	Number of UK Trainees	Candidates not training in the UK	Number of UK Graduates	Number of International Medical Graduates (IMG)
1666	817	849	635	1031
100%	49.0%	51.0%	38.1%	61.9%

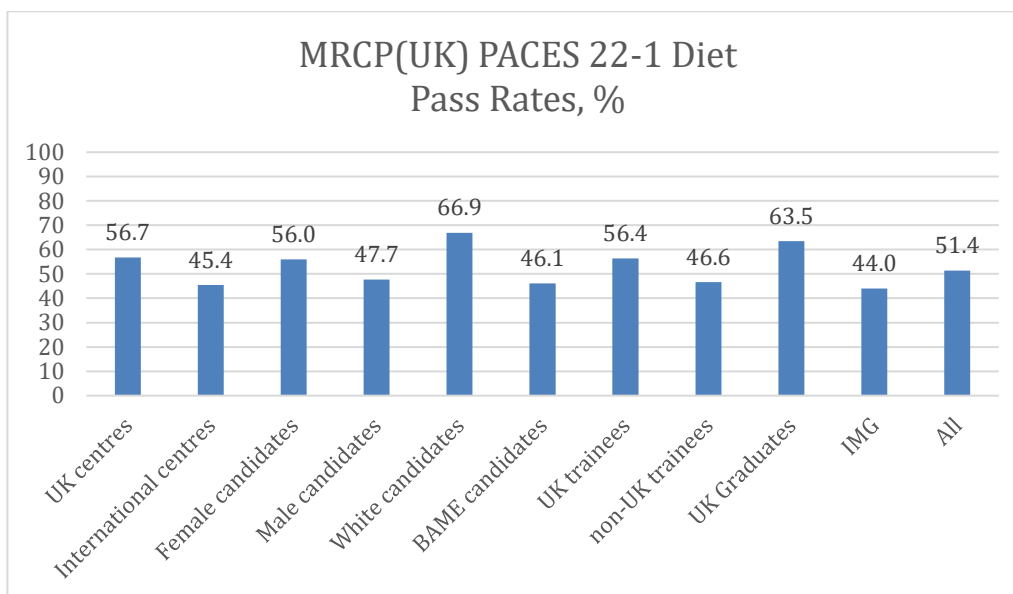| Candidates sitting in UK centres	Candidates sitting in International centres	Female candidates	Male candidates	White candidates	BAME candidates	Unknown ethnicity
891	775	736	924	384	1093	189
53.5%	46.5%	44.2%	55.5%	23.0%	65.6%	11.3%

The number of female candidates is lower than male candidates, there are more BAME than White candidates. The number of non-UK trainees is slightly higher than number of self-declared UK trainees. All candidates sitting PACES in 22-1 diet were assessed via a video link in Station 2 and Station 4 to comply with COVID-19 health and safety rules.
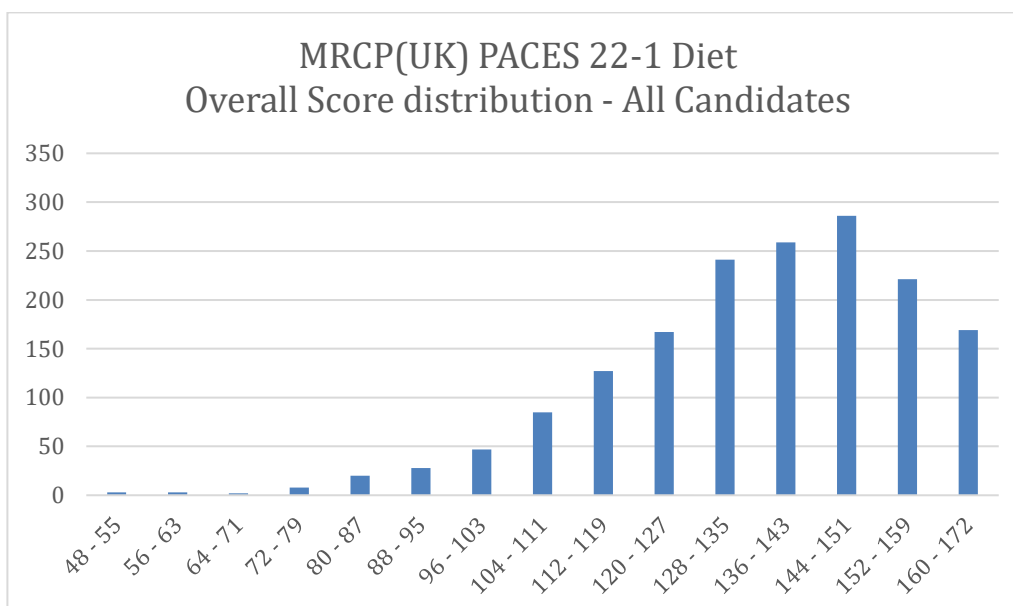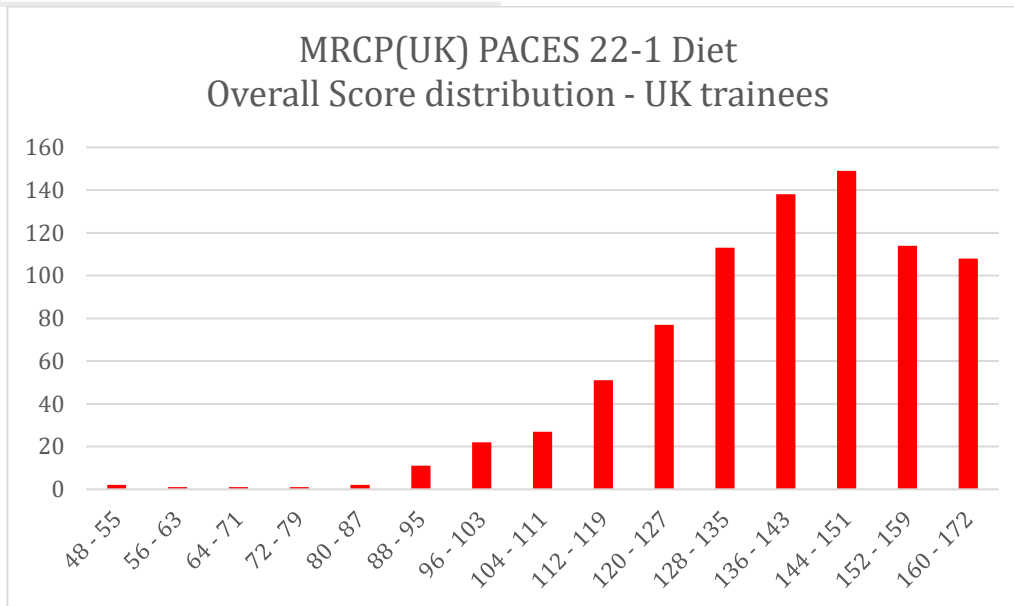
Candidate performance

Candidate numbers are smaller and pass rates for all groups are higher when compared to diets pre Covid.

Female candidates have a higher pass rate than male candidates, White candidates are passing in a higher proportion than BAME candidates and UK trainees have a higher pass rate than those not in UK training (Note: data on training is self-declared).

MRCP(UK) PACES 22-1 Diet
Pass Rates, %

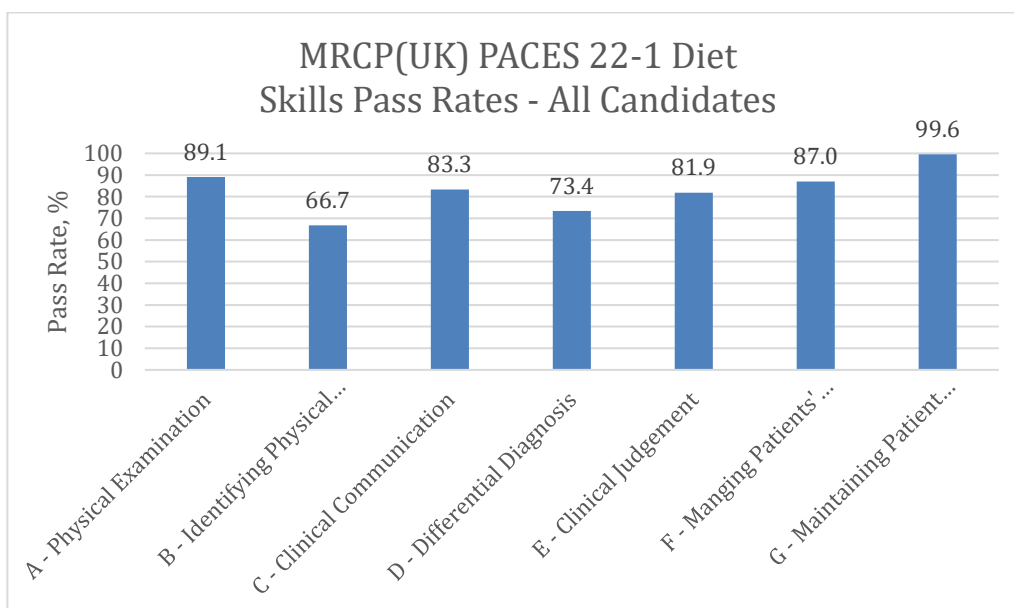| Category	Pass Rate %
UK centres	56.7
International centres	45.4
Female candidates	56.0
Male candidates	47.7
White candidates	66.9
BAME candidates	46.1
UK trainees	56.4
non-UK trainees	46.6
UK Graduates	63.5
IMG	44.0
All	51.4

Candidate scores distribution shows most candidates scoring between 120 and 151 (mean=136, stdev=19.9, median=139, mode=149). UK trainees had a mean score of 139 and stdev = 18.7 (median = 142, mode= 142). The pass mark is established at **130** and candidates also have to pass all skills.

MRCP(UK) PACES 22-1 Diet
Overall Score distribution - All Candidates

MRCP(UK) PACES 22-1 Diet
Overall Score distribution - UK trainees

A bar chart showing overall score distribution for UK trainees. The x-axis shows score ranges (48-55, 56-63, 64-71, 72-79, 80-87, 88-95, 96-103, 104-111, 112-119, 120-127, 128-135, 136-143, 144-151, 152-159, 160-172) and the y-axis shows frequency from 0 to 160. Approximate values: 48-55 ≈ 2, 56-63 ≈ 1, 64-71 ≈ 1, 72-79 ≈ 1, 80-87 ≈ 2, 88-95 ≈ 11, 96-103 ≈ 22, 104-111 ≈ 27, 112-119 ≈ 51, 120-127 ≈ 77, 128-135 ≈ 113, 136-143 ≈ 138, 144-151 ≈ 149, 152-159 ≈ 114, 160-172 ≈ 108.
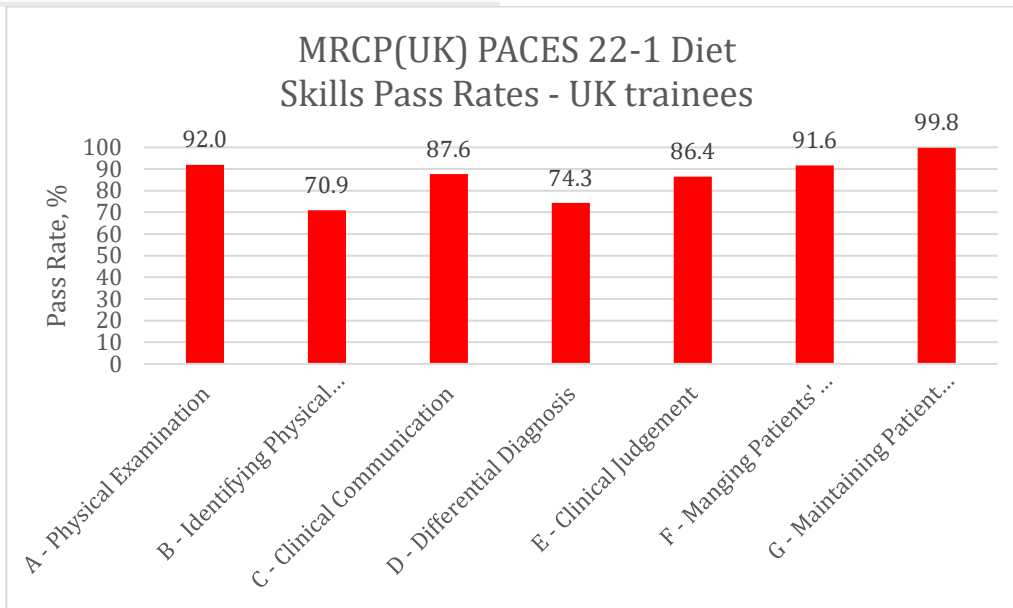
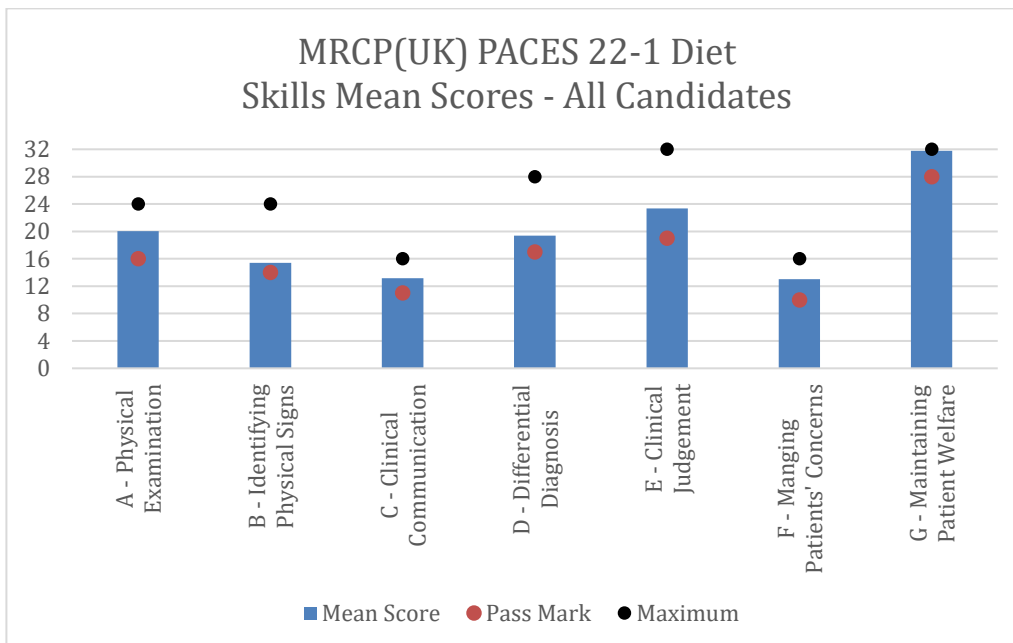### Skills and Encounters performance

For all candidates skill B has the lowest pass rate, 66.7%, while skill G has the highest pass rate, 99.6%. UK trainees are passing skill B in proportion of 70.9%, while the highest proportion is for skill G, 99.8%.

MRCP(UK) PACES 22-1 Diet
Skills Pass Rates - All Candidates

A bar chart showing skills pass rates for all candidates. The y-axis shows Pass Rate, % from 0 to 100. Values by skill:
- A - Physical Examination: 89.1
- B - Identifying Physical…: 66.7
- C - Clinical Communication: 83.3
- D - Differential Diagnosis: 73.4
- E - Clinical Judgement: 81.9
- F - Manging Patients' …: 87.0
- G - Maintaining Patient…: 99.6
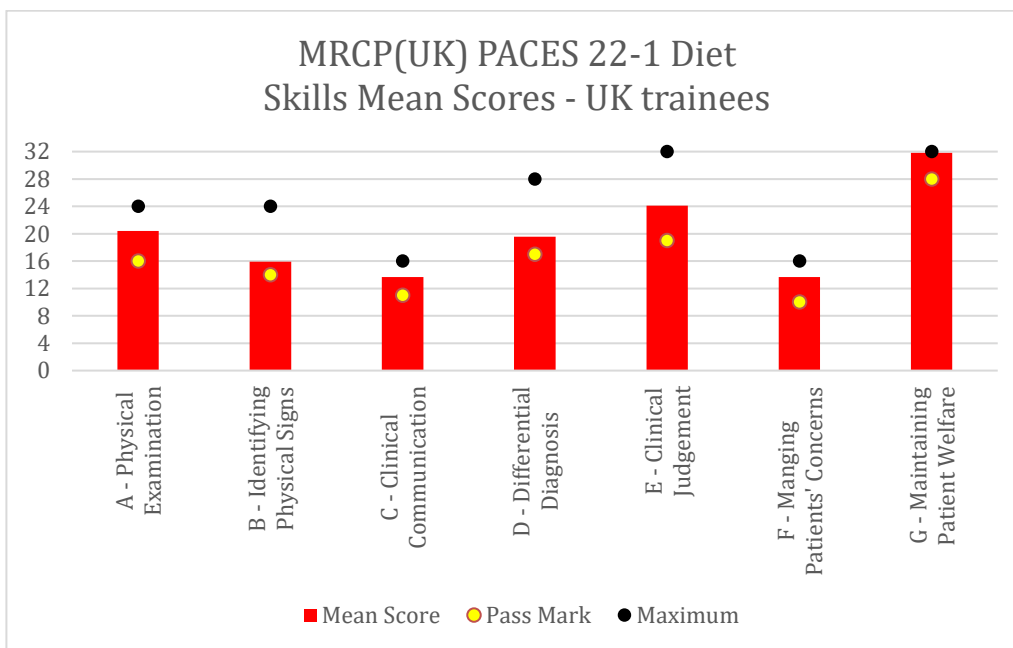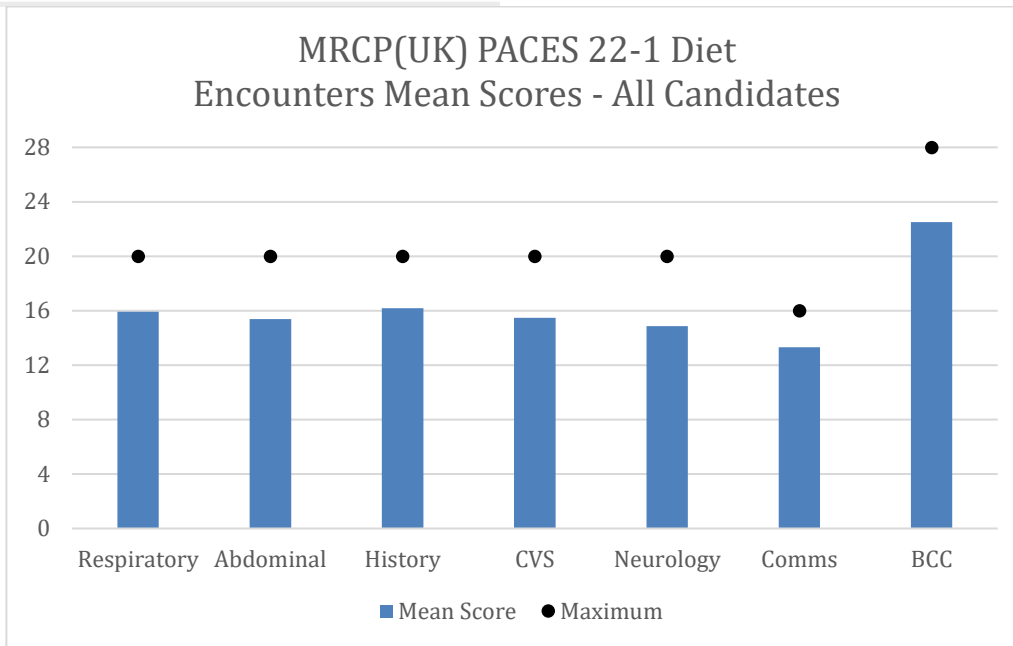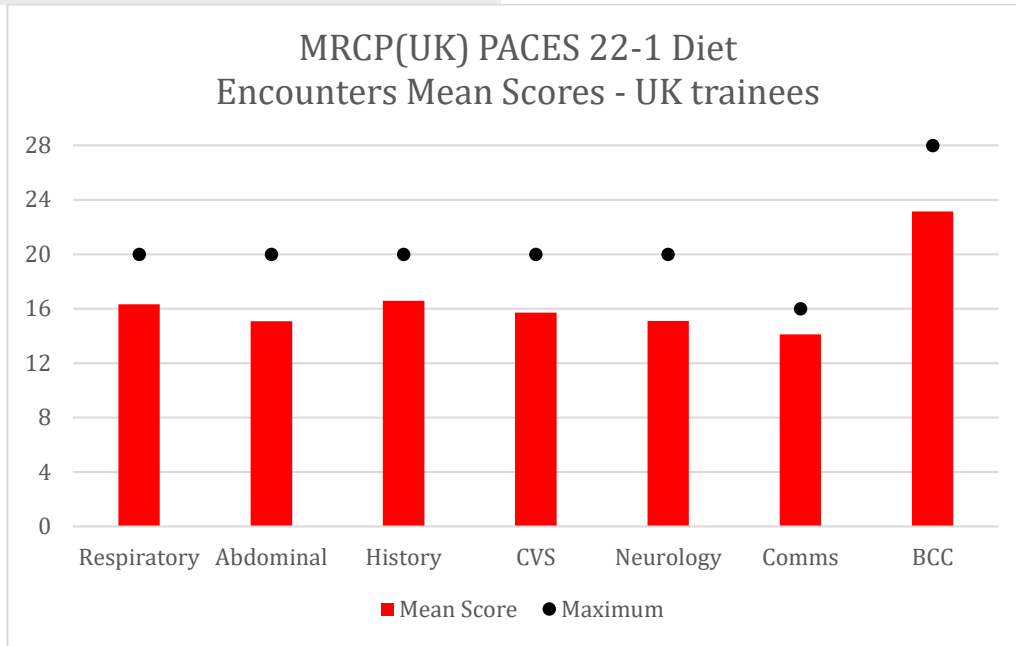
MRCP(UK) PACES 22-1 Diet
Skills Pass Rates - UK trainees

All candidates: skill G has the highest proportional average score (31.8/32; 99.4%) whereas skill B has the lowest proportional score (15.4/24; 64.2%) and these are consistent with historical data. The Communications encounter has the highest proportional mean score (13.3/16; 83.2%) and the Neurology encounter has the lowest (14.9/20; 74.4%).

UK trainees: skill G has the highest proportional average score (31.8/32; 99.4%) whereas skill B has the lowest proportional score (15.9/24; 66.4%) and these are consistent with historical data. The Communications encounter has the highest proportional mean score (14.1/16; 88.2%) and both Abdominal and Neurology encounters have the lowest (15.1/20; 75.5).

MRCP(UK) PACES 22-1 Diet
Skills Mean Scores - All Candidates

MRCP(UK) PACES 22-1 Diet
Encounters Mean Scores - All Candidates

Bar chart showing Mean Score (blue bars) and Maximum (black dots) for: Respiratory (~16, max 20), Abdominal (~15, max 20), History (~16, max 20), CVS (~15, max 20), Neurology (~15, max 20), Comms (~13, max 16), BCC (~22, max 28).

Legend: ■ Mean Score ● Maximum

MRCP(UK) PACES 22-1 Diet
Skills Mean Scores - UK trainees

Bar chart showing Mean Score (red bars), Pass Mark (yellow dots), and Maximum (black dots) for: A - Physical Examination (~20, pass 16, max 24), B - Identifying Physical Signs (~16, pass 14, max 24), C - Clinical Communication (~14, pass 11, max 16), D - Differential Diagnosis (~19, pass 17, max 28), E - Clinical Judgement (~24, pass 19, max 32), F - Manging Patients' Concerns (~14, pass 10, max 16), G - Maintaining Patient Welfare (~31, pass 28, max 32).

Legend: ■ Mean Score ○ Pass Mark ● Maximum

MRCP(UK) PACES 22-1 Diet
Encounters Mean Scores - UK trainees

MRCP(UK) Research team
June 2022