

Meeting with Trainees

Board of Examinations
Hong Kong College of Anaesthesiologists



Disclosure

BoEx, in any of the exams, has

- no quota to fail
- no quota to pass

Standard referenced reporting:

a pass Final Fellowship Exam candidate has achieved the standard expected for specialist anesthetist

New Final Fellowship Examination 2018

Review of the exam process

Analysis of exam results

How to tackle the Final Exam?

Questions and Answers.....

Why the new Final Fellowship Exam?

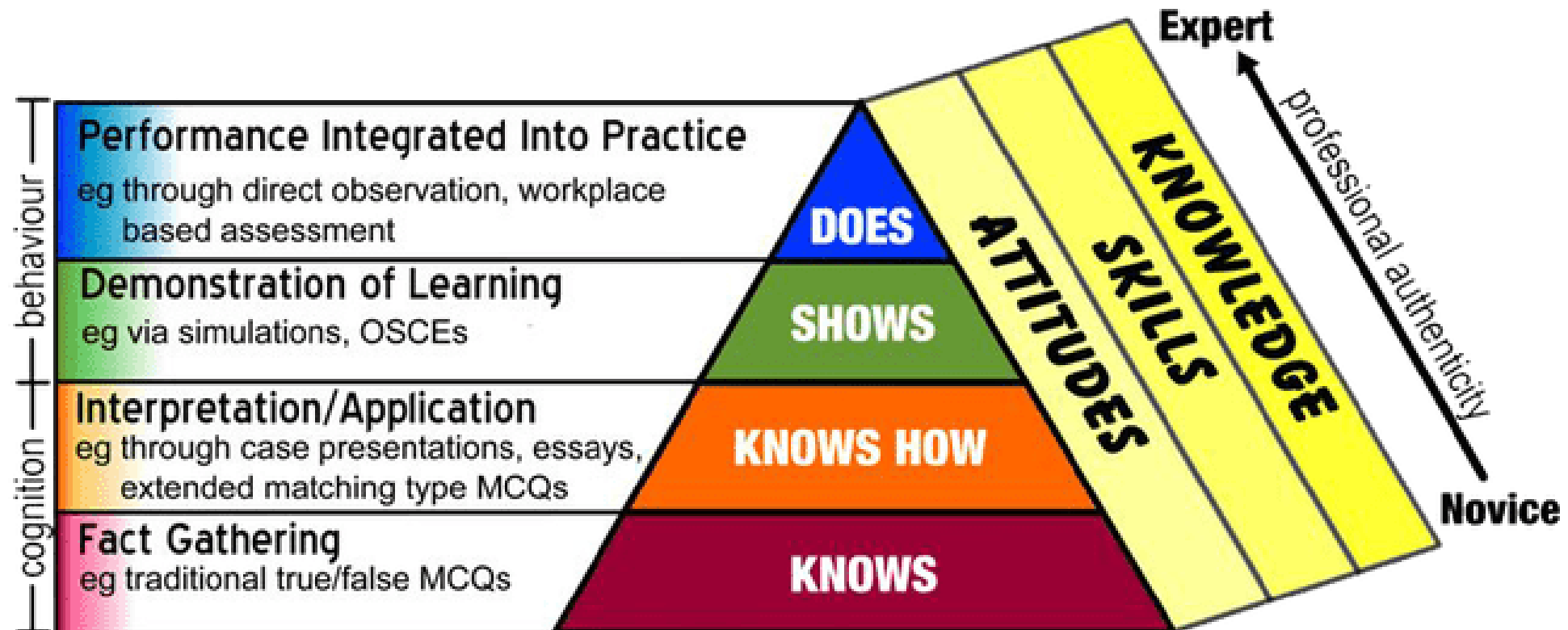
Re-establish international collaborations/links in Examinations

Benchmarking with established international exams

Increase breadth and depth of our exam to cover the entire syllabus



Miller's PRISM of clinical competence



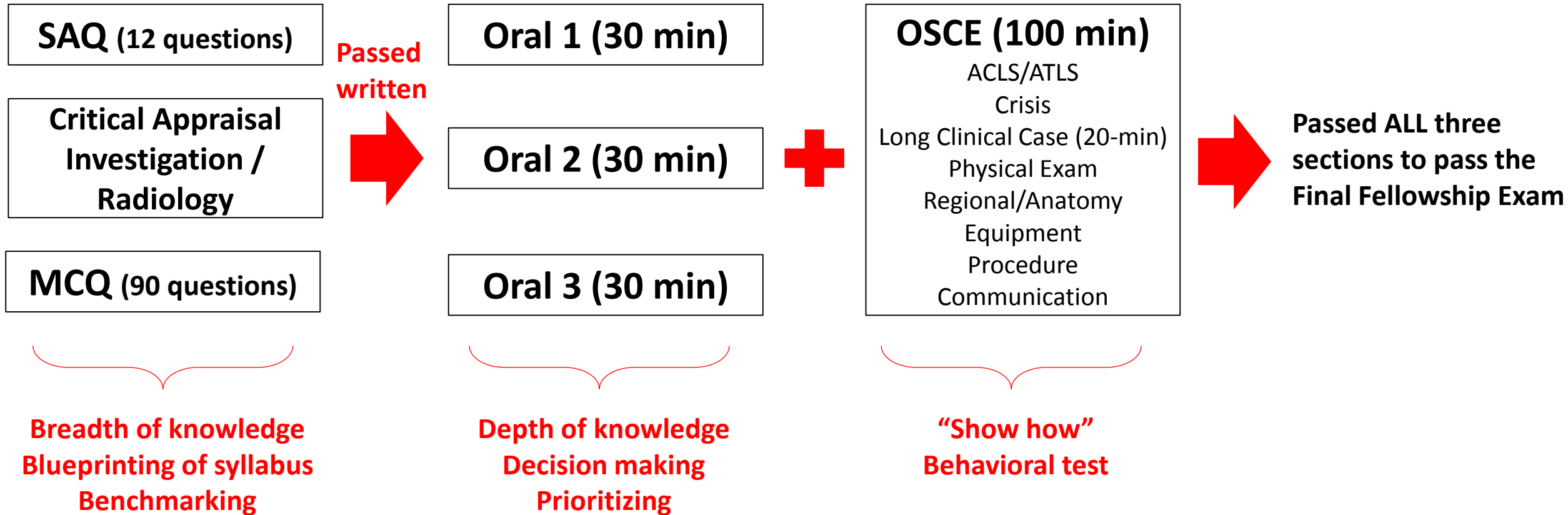
HKCA Final Fellowship Exam – New Format

Written: Paper I (12 SAQs – Scenario-based + standalone Ques)
Paper II (Critical appraisal, Investigation, Radiology)
Paper III (FRCA Final Exam MCQ)

Viva: 3 tables of 30-min viva

OSCE: 100 min (communication, long clinical case, regional, equipment, physical examination, ATLS/ACLS, Crisis stations,...)

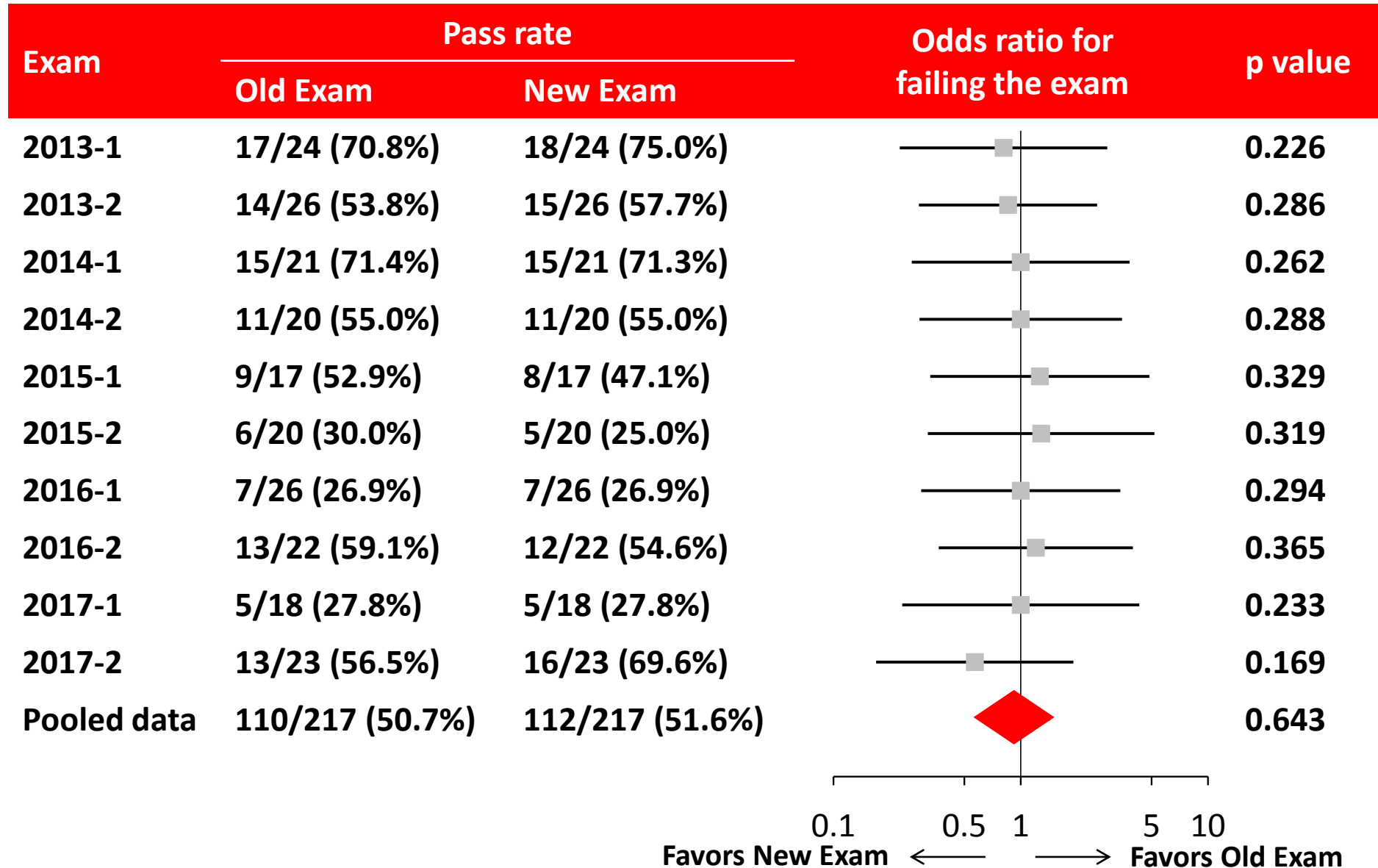
Also a FRCA requirement



Are we making the exam more difficult ?

Exam	No. of candidates	Paper 1	Paper 2	Overall Written	Critical Appraisal	Investigation	Radiology
2013-1	24	62.5%	66.7%	70.8%	-	76.2%	90.5%
2013-2	26	65.4%	65.4%	53.8%	-	31.8%	68.2%
2014-1	21	85.7%	38.1%	71.4%	94.7%	57.9%	94.7%
2014-2	20	70.0%	55.0%	55.0%	56.3%	81.3%	87.5%
2015-1	17	52.9%	52.9%	52.9%	50.0%	78.6%	71.4%
2015-2	20	55.0%	15.0%	30.0%	25.0%	75.0%	91.7%
2016-1	26	38.5%	23.1%	26.9%	-	87.5%	93.8%
2016-2	22	63.6%	59.1%	59.1%	68.2%	64.7%	82.4%
2017-1	18	38.9%	22.2%	27.8%	68.2%	92.9%	85.7%
2017-2	23	69.6%	56.5%	56.5%	65.2%	47.8%	60.9%
Median	22	63.1%	54.0%	54.4%	65.2%	75.6%	86.6%

Are we making the exam more difficult?



FRCA Final MCQ Exam

3-hour exam

3rd year trainees (1/3 of intermediate training)

90 Questions (60 MTF; 30 SBA)

60 MTF X 5 + 30 SBA X 4

= 420 (maximum score)

Pass mark is adjusted by **Angoff's method**

Do not expect 50% is a pass

Question	Probability of correct answers
1	0.95
2	0.80
3	0.90
4	0.60
5	0.75
6	0.40
7	0.50
8	0.25
9	0.25
10	0.40
Expected pass mark	5.80

How difficult is FRCA Final MCQ?

Exam	No. of candidates	MCQ Pass rate*
Sept 2016	404	58.7%
March 2017	454	76.9%
Sept 2017	404	78.5%
March 2018	426	63.9%

*Courtesy from Russell Ampofo,
Director of Education, Training and Examinations, RCoA

How did we go for the first time?

Exam	No. of candidates	Paper 1 (SAQ)	Paper 2			Paper 3 (MCQ)
			Critical Appraisal	Investigation	Radiology	
2013-1	24	70.8%	-	76.2%	90.5%	
2013-2	26	53.8%	-	31.8%	68.2%	
2014-1	21	71.4%	94.7%	57.9%	94.7%	
2014-2	20	55.0%	56.3%	81.3%	87.5%	
2015-1	17	52.9%	50.0%	78.6%	71.4%	
2015-2	20	30.0%	25.0%	75.0%	91.7%	
2016-1	26	26.9%	-	87.5%	93.8%	
2016-2	22	59.1%	68.2%	64.7%	82.4%	
2017-1	18	27.8%	68.2%	92.9%	85.7%	
2017-2	23	56.5%	65.2%	47.8%	60.9%	
Median	22	54.4%	65.2%	75.6%	86.6%	
2018-1	11	27.3%	36.4%	9.1%	27.3%	18.2%

Fairness in writing questions and marking the answers

Questions are submitted by internal and external examiners

Selected by the exam coordinator(s)

**Modified by a core group including the Chairman, Coordinators,
External examiners**

**Questions are marked by the paired examiners using a closed marking
system (2 – 8)**

Agreed marking by the paired examiners

How can we improve?

Robust exam settings/procedures

External examiners

Examiners training

HKCA Revision Course to include Investigations, X Rays

FRCA Final MCQs

Online resources

<https://www.rcoa.ac.uk/sites/default/files/EXM-SBA-Specimens.pdf>

AnaesthesiaUK (<http://www.frca.co.uk/default.aspx>)

BMJ OnExamination (<https://www.onexamination.com/exams/anaesthesia/frca-final#QuestionBrowser>)

Know the syllabus (Medicine, surgery, applied physiology and pharmacology,...)

Books

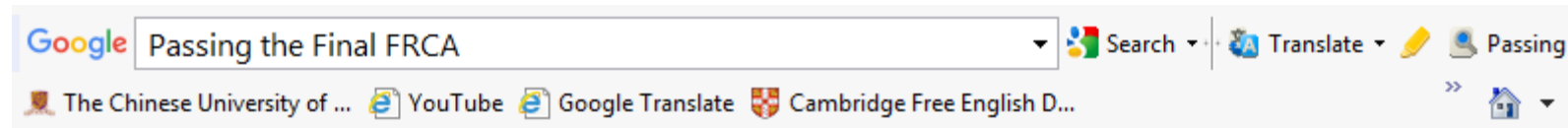


FRCA Final Revision Course

Final exam (esp FRCA MCQ) sharing sessions

5-day course in London

Focused course in Hong Kong in end of April



約 59,100 項搜尋結果 (0.24 秒)

[\[PDF\] Passing the Final FRCA – a guide - Stoke Anaesthesia](#)

stokeanaesthesia.org.uk/.../Steve-Lords-Final-FRCA-guide-Sept-2016.p... [翻譯這個網頁](#)

Passing the Final FRCA – a guide. Steve Lord - 2016. Overall. Obviously it's a hard exam, testing both breadth and depth of knowledge. With on call commitments and family life it is understandably easy to let weeks go by without looking at a book or an article. Make a revision plan and stick to it. Schedule breaks and certain ...

[\[PDF\] Passing the Final FRCA – a guide - Stoke Anaesthesia](#)

stokeanaesthesia.org.uk/.../Passing-the-Final-FRCA-a-guide-Mo-Misurat... [翻譯這個網頁](#)

Passing the Final FRCA – a guide. Mo Misurati 2016. Overall. I found the FRCA exam to be a mind game, which is similar to any other great challenge in life. To pass my final FRCA, I used the following tricks that I learnt from my primary exam: • You will always feel like you have no time left for revision. Always remember that