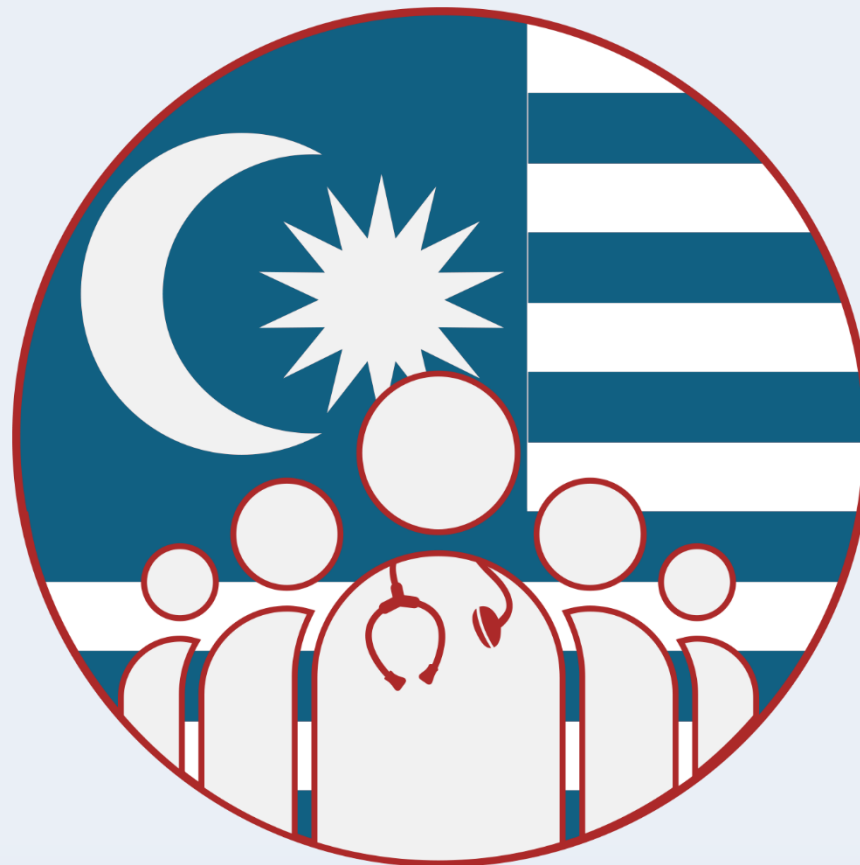


National Postgraduate Medical Curriculum (NPMC) Project



Why are we engaged in this project?

The healthcare needs of Malaysia are changing (quantity, quality, expectations, costs)
- growth of the ASEAN communities, possibilities for movement of medical labour

Difficulties in postgraduate training at houseman and medical officer

University Masters programmes need to increase quantity and quality

No formal curriculum in place to guide medical training in Malaysia

Need to avoid repetition of same mistakes that have plagued countries like the UK

A radical change in medical training is necessary and urgent

What are we trying to achieve?

- Enable the collaboration of all stakeholders in providing safe patient care for the changing healthcare needs of the country.

Vision



Establish a National Malaysian Medical Curriculum
to ensure that all junior doctors are trained
to the highest standard
thus ensuring
patient safety and quality of care.

What is a National Curriculum?

- Internationally recognised training that is locally relevant.
- A curriculum which has for all specialties:
 - ❖ A common governance structure
 - ❖ A similar structure
 - ❖ A common entry and exit strategy
 - ❖ A common structured syllabus
 - ❖ A common system of progression
 - ❖ A common assessment strategy
 - ❖ Open and transparent

Strategy: 4 Key Areas of Activity

- **Audit:**

- ❖ Existing provision and pathways reviewed
- ❖ Potential for development/ partnerships explored

- **Curriculum development:**

- ❖ Develop processes of education and collaboration
- ❖ Enable the curriculum's design and development by the medical community
- ❖ Develop a robust, open and transparent governance system for the management of postgraduate medical training

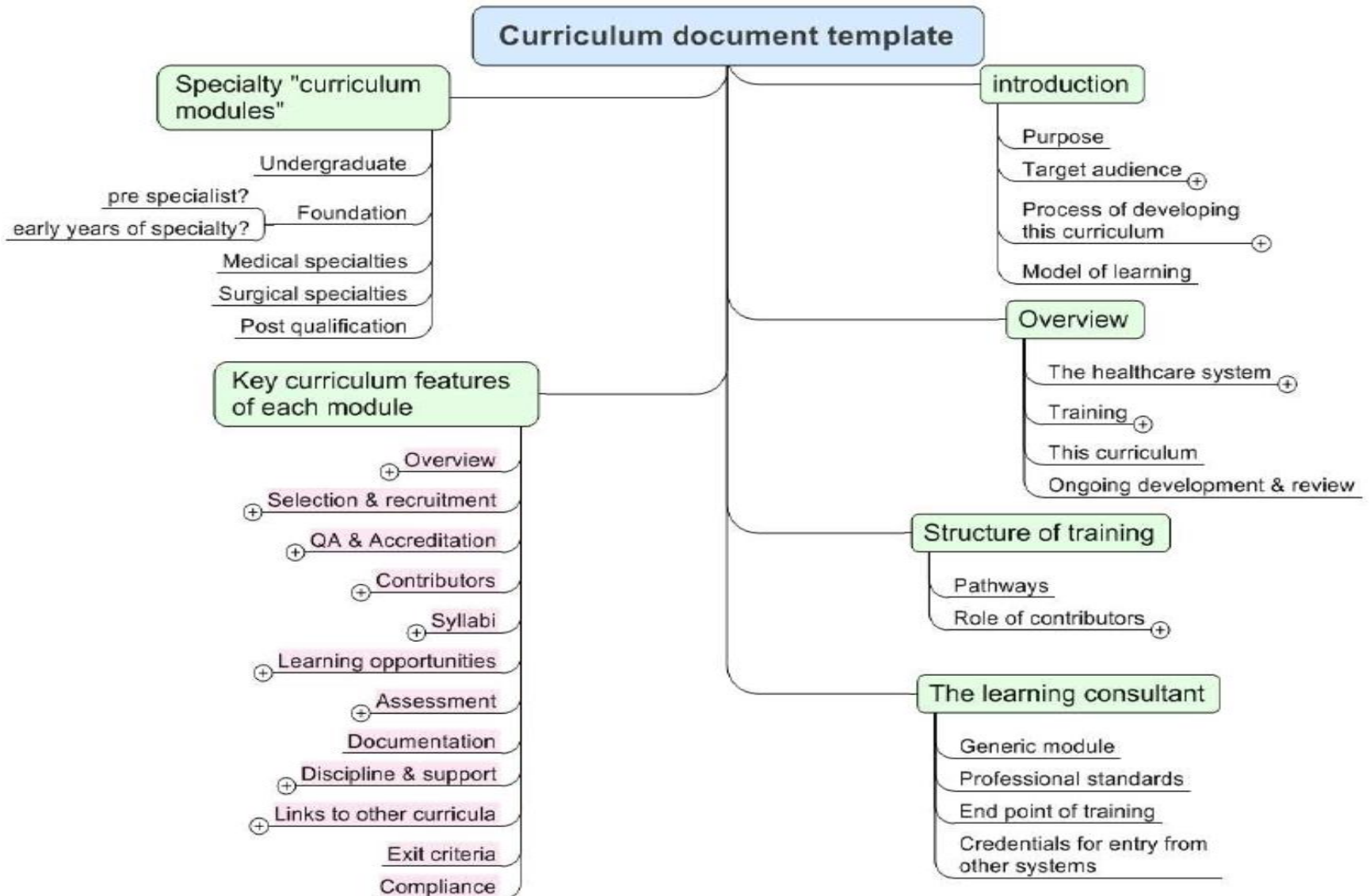
- **Workforce development:**

- ❖ Create opportunities to acquire the teaching, training, coaching and assessment skills necessary to deliver the curriculum

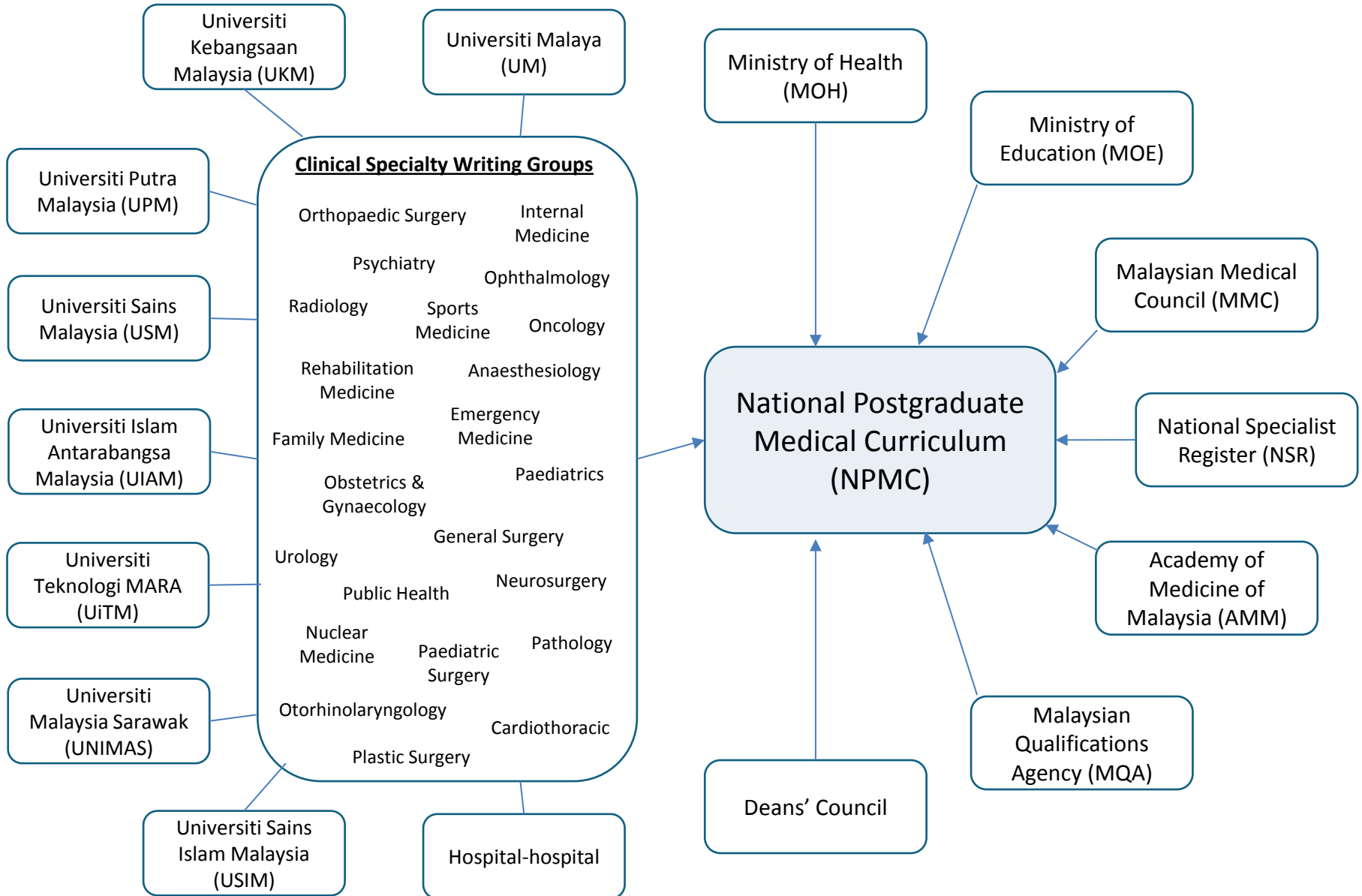
- **Implementation:**

- ❖ Define milestones
- ❖ Coordinate progress of the other projects
- ❖ Develop plans to overcome obstacles and exploit opportunities

Curriculum Structure



Collaborators



Progress To Date

- Project begun in August 2014.
- A steering group has been established.
- Most of the clinical specialties have formed writing groups with members from universities and Ministry of Health (MOH).
- Meetings are being held with clinical specialty groups and stakeholders to provide consultation and support throughout the process.
- Curriculum workshops designed and delivered to stakeholders: Ministry of Health (MOH), Malaysian Medical Council (MMC), Academy of Medicine of Malaysia (AMM), Conjoint Boards, Deans' Council
- Training the Trainers Workshops delivered at universities and MOH (UM, UKM, USM, IIUM, Hospital Sg. Buloh)

Activities Conducted – Year 2014



PG Medical Curriculum Review

8 – 10 Dec 2014, Faculty of Medicine, UM

Activities Conducted – Year 2015



Meeting with Health Minister

17 Aug 2015, MOH Putrajaya



Training the Trainers Workshop

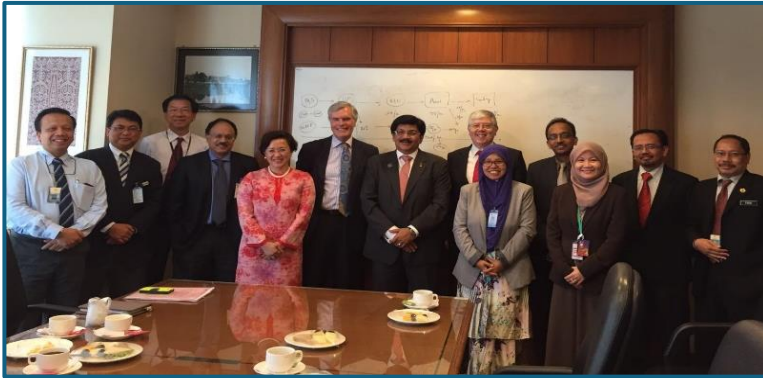
19 Aug 2015, IIUM



Meeting with Malaysian Medical Council (MMC)

20 Aug 2015, Bilik Persidangan RMC, UM

Activities Conducted – Year 2016



Meeting with MOH (Datuk Jeyaindran)

22 Feb 2016, Putrajaya



**Meeting with Academy of Medicine
(Dato Khalid)**

27 Sept 2016, UCSI



**Defining Professional Values &
Behaviours Workshop**

28 Sept 2016, CUBE, UM

Activities Conducted – Year 2017 (01)



Residential Curriculum Workshop

6 – 7 Feb 2017, Putrajaya Marriot Hotel



Standards in Medical Training Workshop (MMC)

4 Apr 2017, Medical Academies of Malaysia Building, KL



Activities Conducted – Year 2017 (02)



Meeting with Council of Deans

27 Nov 2017, Bilik Fakulti, UM



Meeting with MOHE (Dato' Seri Idris Jusoh)

28 Nov 2017, Putrajaya

Activities Conducted – Year 2017 (03)



Meeting of Deans' Council with Deputy Prime Minister

December 2017



Follow Up Meeting

11 Jan 2018

Activities Conducted – Year 2018



Meeting with MMC on Standards

19 Mar 2018, CUBE, UM



Residential Workshop

21 – 22 Mar 2018, VE Hotel, KL

- ❖ Internal Medicine, Orthopaedic Surgery, Psychiatry, Radiology



Progressing Workshop C2

26 – 27 June 2018, Gallery, UM

- ❖ Family Medicine, Oncology, Ophthalmology, Rehabilitation Medicine

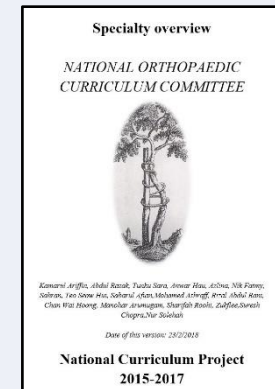
Project Checklist

Writing order	
Before starting	Specialty overview
	Overview
1	<ul style="list-style-type: none">• <i>Specialty introduction</i>
Last (15)	<ul style="list-style-type: none">• <i>Curriculum overview</i>
2	Selection & recruitment
	<ul style="list-style-type: none">• <i>Entry requirements</i>• <i>Entry process</i>• <i>Induction process</i>
13	Quality Assurance and Accreditation
7	Contributors
	<ul style="list-style-type: none">• <i>Administration and governance</i>• <i>Trainers</i>• <i>Programme directors</i>• <i>Assessors</i>
4	Syllabi
	<ul style="list-style-type: none">• <i>Knowledge syllabus</i>• <i>Skills syllabus</i>• <i>Attitudes and values syllabus</i>• <i>Essential Learning Activities</i>• <i>Competence</i>• <i>Performance levels</i>• <i>Stages</i>
6	Learning Opportunities
	<ul style="list-style-type: none">• <i>Workplace</i>• <i>Teaching programme</i>• <i>Online</i>• <i>Simulators</i>• <i>External opportunities</i>• <i>Accreditation of centres</i>

Writing order	
5	Assessments
	<ul style="list-style-type: none">• <i>Nature of the assessment</i>• <i>Target audience</i>• <i>Validity, reliability, practicability</i>• <i>Blueprinting</i>• <i>Tool examples</i>• <i>Assessors</i>
8	Documentation
9	Discipline & support
10	Links to other curricula
3	Exit criteria
12	Compliance and mapping
14	Appendices

Before Start Writing:

❖ Specialty Overview



Curriculum Writing Order:

- 1) Introduction
- 2) Selection & Recruitment
- 3) Exit Criteria
- 4) Syllabi
- 5) Assessments
- 6) Learning Opportunities
- 7) Contributors
- 8) Documentation
- 9) Discipline & Support
- 10) Links to other Curricula
- 11) Compliance & Mapping
- 12) Quality Assurance & Accreditation
- 13) Appendices

Specialty Work Progress

No.	Specialty	Last meeting date	Work Progress											Target			
			Specialty Overview	Introduction	Selection & Recruitment	Exit Criteria	Syllabi	Assessment	Learning Opportunities	Contributors	Documentation	Discipline & Support	Others				
1	Orthopaedic Surgery	07/08/2018 - Review	█	█	█	█	█	█	█	█							- Revise and submit updated version of documents by end of August 2018
2	Medicine (Internal)	09/08/2018 - Review	█	█	█	█	█	█	█	█							- Revise Assessment and Contributors documents
3	Radiology	09/08/2018 - Review	█	█	█	█	█	█	█	█							- Revise the Learning Opportunities and Contributors documents
4	Psychiatry	08/08/2018 - Review	█	█	█	█	█	█	█	█							- Revise Syllabus and Learning Opportunities
5	Ophthalmology	27-28/06/2018 - Workshop	█	█	█	█	█	█	█	█							- Attended Progressing Workshop C2 (June 2018); to submit updated version of documents by end of Aug
6	Sports Medicine	09/08/2018 - Review	█	█	█	█	█	█	█	█							- Revise Introduction and Syllabus documents
7	Oncology (Clinical)	27-28/06/2018 - Workshop	█	█	█	█	█	█	█	█							- Attended Progressing Workshop C2 (June 2018); to submit updated version of documents by end of July
8	Rehabilitation Medicine	27-28/06/2018 - Workshop	█	█	█	█	█	█	█	█							- Attended Progressing Workshop C2 (June 2018); to submit updated version of documents by end of Aug
9	Anaesthesiology	08/08/2018 - Review	█	█	█	█	█	█	█	█							- Revise Syllabus and Assessment documents
10	Family Medicine	27-28/06/2018 - Workshop	█	█	█	█	█	█	█	█							- Attended Progressing Workshop C2 (June 2018); to submit updated version of documents by end of Aug
11	Emergency Medicine	16-17/05/2018 - Workshop	█	█	█	█	█	█	█	█							- Attended Progressing Workshop C2 (May 2018); to submit updated version of documents soon
12	Obstetrics & Gynaecology	07/08/2018 - Review	█	█	█	█	█	█	█	█							- Re-look at Introduction, Selection & Recruitment; Work on Exit Criteria; Tidy up Syllabus and proceed with Assessment
13	Paediatrics	15/01/2018 - Workshop	█	█	█	█	█	█	█	█							- Attended Assessment Workshop; to discuss and revise Assessment document by Mar 2018
14	Surgery (General)	16-17/05/2018 - Workshop	█	█	█	█	█	█	█	█							- Attended Progressing Workshop C2 (May 2018); David and Simon will review the Google Drive shared document from time to time
15	Urology	14/01/2018 - Workshop	█	█	█	█	█	█	█	█							- Attended Syllabus Workshop; submit updated version of relevant documents (Intro, Selection, Exit, Syllabus etc)
16	Public Health	18/05/2016 - Review	█	█	█	█	█	█	█	█							- To revise Specialty Overview; Start writing Introduction and Selection & Recruitment
17	Neurosurgery	17/01/2018 - Workshop	█	█	█	█	█	█	█	█							- Attended Curriculum Development Workshop; to discuss and produce relevant documents (S.O, Intro-by 18 Jan, Selection etc)
18	Nuclear Medicine	17/01/2018 - Workshop	█	█	█	█	█	█	█	█							- Attended Curriculum Development Workshop; to discuss and produce relevant documents (S.O, Intro-by 2 Feb, Selection etc)
19	Pathology	17/01/2018 - Workshop	█	█	█	█	█	█	█	█							- Attended Curriculum Development Workshop; to discuss and produce/ revise relevant documents (S.O, Intro-1st week of Feb,
20	Paediatric Surgery	29/06/2018 - Review	█	█	█	█	█	█	█	█							- Complete Specialty Overview; Start working on Introduction
21	Otorhinolaryngology	27/06/2018 - Discussion	█	█	█	█	█	█	█	█							- Form Writing Group; Complete Specialty Overview
22	Cardiothoracic	30/11/2016 - Discussion	█	█	█	█	█	█	█	█							- Relook at the existing documents and put them together
23	Plastic Surgery																

Thank You