

**REVISED (29-8-09)**

**CRITERIA FOR CREDENTIALLING A PAEDIATRIC HAEMATOLOGIST-ONCOLOGIST IN THE MALAYSIAN SPECIALIST REGISTER**

The criteria are as follows:

1. A basic medical degree recognised by the Malaysian Medical Council
2. A recognised postgraduate qualification

One of the following paediatric postgraduate degrees or their equivalent, recognised by the Malaysian Paediatric Specialist Sub-committee:

- 2.1 Master of Paediatrics (Universiti Malaya) or M.Med (Paed) Universiti Kebangsaan Malaysia or Universiti Sains Malaysia
  - 2.2 MRCP (UK) up to year 2000
  - 2.3 MRCPCH by Royal College of Child Health UK
  - 2.4 MRCPI (Ireland)
  - 2.5 FRACP
  - 2.6 M.Med in Paediatrics (Singapore)
  - 2.7 Any other equivalent paediatric postgraduate degrees recognised by the Malaysian Paediatric Specialist Sub-committee on a case by case basis
- 3 have spent a total of 3 years' of full-time training in an accredited centre(s) in the subspecialty of Paediatric Haematology-Oncology under the supervision of accredited trainer(s). The criteria for accreditation of such centres are set out in Appendix I. The criteria for the accreditation of trainers are set out in Appendix II. These three (3) years of training may be interrupted by a period of up to 12 months but it cannot include the time spent in paediatric haematology-oncology during the training for the Degree of Masters of Paediatrics or MRCP or their equivalent.
  - 4 on completion of the 3 years of subspecialty training, the applicant must be credentialled by the Specialist Sub-Committee in Paediatric Haematology-Oncology. The credentialling exercise should be carried out in accordance with the following guidelines:

4.1 Evidence of satisfactory postgraduate training (Appendix III & IV):

4.1.1 Log book of core procedures

4.1.2 Portfolio with supporting document where relevant, e.g. a valid certificate of completion of training in the paediatric oncology training programme, published research papers or abstracts, certificates of attendance at conferences, courses or workshops

4.1.3 satisfactory reports from accredited trainers on the applicant's knowledge, skills and attitudes based on guidelines as set out in Appendix III

4.2 *active involvement* in the completion of a project *in paediatric haematology-oncology* with a satisfactory report

4.3 at least one first-author publication

4.4 satisfactory interview by the Paediatric Haematology-Oncology Specialist Sub-committee, if necessary.

5. The above mentioned Specialist *Sub-committee* shall have sole discretion and jurisdiction over all matters relating to the *credentialling, registration* and recognition of an applicant as a Paediatric Haematologist-Oncologist in Malaysia based on the above guidelines.

**Specialist Sub-committee for Paediatric Haematology-Oncology, comprising:**

**Dr Lin Hai Peng (Chairman)**

**Dr Hishamshah**

**Professor Rahman Jamal**

**Dr Eni Juraidah**

**Associate Professor Hany Ariffin**

**Dr Mahfuzah**

**29-8-09**

## **APPENDIX I**

### **Criteria for an Accredited Centre for training in Paediatric Haematology Oncology**

#### **An Accredited Centre for training Paediatric Haematology-Oncology should**

- manage at least 20 new cases of oncology per annum
- manage at least 10 new cases of haematology per annum
- have at least one recognised paediatric oncologist
- train a maximum of 2 candidates per trainer at anyone time
- have adequate paediatric surgical services
- have easy access to radiotherapy services
- have easy access to adequate pathology services
- have easy access to adequate radio-imaging services, ie, MRI, CT, bone scan and ultrasound
- have adequate basic laboratory support services
- have adequate blood banking services

## **APPENDIX II**

### **CRITERIA FOR AN ACCREDITED TRAINER IN PAEDIATRIC HAEMATOLOG~ONCOLOGY**

The trainer must be registered as specialist with the National Specialist Registry (NSR) and has a minimum of 3 years experience practising as a paediatric haematologist-oncologist. \*Each trainer may have up to 2 trainees at anyone point in time. The duties of a trainer includes monitoring a trainee's progress and submitting progress reports to the Specialty Subcommittee at 6 monthly intervals.

## **APPENDIX III**

A Paediatric Haematologist-Oncologist must have the following qualities:

### **I. Knowledge:**

1. Epidemiology of childhood cancers
2. The acute and chronic leukaemias
3. Childhood solid tumours
4. Diagnosis and the principles of multi modal management in childhood cancer
5. Infection control and the management of febrile neutropenia
6. The management of myeloablative chemotherapy
7. Prevention and management of septic shock
8. Pharmacology of cytotoxic drugs - mode of action and side effects
9. Haemopoietic Stem Cell Transplantation

10. Acute-and chronic haemolytic anaemias in infants and children especially the thalassaemia syndromes
11. Bleeding disorders in infants and children especially immune thrombocytopenic purpuras
12. Hereditary and acquired aplastic anaemias
13. Nutritional deficiency anaemias
13. Haematologic problems in the newborn
14. Transfusion medicine

**II. Skills** in the following procedures in children:

1. Clinical skills in the management of common childhood cancers
2. IV venesection and canulation
3. BM aspiration,
4. Trepine
5. Lumbar puncture
6. Reading of films of peripheral blood and bone marrow
7. Communication skills especially those relating to informing parents of the diagnosis, prognosis of childhood cancers and the breaking of bad news
8. Management skills of the dying child with terminal malignancy
9. The ability to access the internet for the current treatment and prognosis of childhood cancers
10. Ability to seek consultation through local and overseas network of consultants.

Desirable additional skills:

11. Percutaneous liver biopsy
12. Percutaneous tumour biopsy
13. Percutaneous skin punch biopsy

**III. Attitudes:**

1. The proper attitudes to the diagnosis and management of childhood cancers and haematological disorders
2. The proper attitude to learning

**IV. Components of Training in Paediatric Haematology-Oncology shall include**

- ~3 months in bone marrow or stem cell transplantation
- 1 month in radiotherapy
- training to ensure competency in reading peripheral blood films and bone marrow slides, coagulation laboratory studies and in transfusion medicine.

**APPENDIX IV**

**ASSESSMENT FORM FOR KEY COMPETENCIES  
EVALUATION BY TRAINER (supervisor)**

(The trainer should evaluate the trainee every 6 months and the completed forms should be returned to the training subcommittee)

**1. Personal characteristics**

	Poor	Satisfactory	Good	Excellent
Punctuality				
Availability				
Attitude				
Responsibility				
Leadership qualities				
Inter-personal relationship				

**2. Clinical skills**

	Poor	Satisfactory	Good	Excellent
History taking				
Physical examination				
Ordering & interpreting appropriate investigations				
Formulating management plan				

Emergency care

Care of critically ill patients

**3. Technical procedures** (refer to log book on procedures)

	Poor	Satisfactory	Good	Excellent
Knowledge of physiological basis of procedures				
Understands indication for procedures				
Technical skill in performing procedures				
Interpretation of results				

**4. Communication skills & Counselling**

	Poor	Satisfactory	Good	Excellent
Communicating with patient, their family and staff				
Counselling skills				

**4.5 Participation in learning and teaching activities**

Poor                      Satisfactory                      Good                      Excellent

Participation

**in learning**

**Participation  
in teaching**

**OVERALL ASSESSMENT & COMMENTS**

**Signature of Supervisor:** \_\_\_\_\_

**Name of Supervisor:** \_\_\_\_\_

**Date:** \_\_\_\_\_