

Application procedures

Candidates are required to fill up the following items:

- Application form (available at
- <http://ams.edu.sg/education-training/staff-registrar-scheme-diploma>)
- Obtain endorsement from their Head of Department and their Human Resource Department.
- Attach the supporting documents (certified as true copies) as indicated in the application form and mail to:

Academy of Medicine, Singapore
Education & Training Department
81 Kim Keat Road
#11-00 & #12-00, NKF Centre
Singapore 328836

HOW
TO
APPLY?

Fee structure

*Registration fee:	\$500 (non-refundable one-time payment)
*Course fee	\$7,250 per year
*Examination fee	\$500 per year

**Prevailing rate of Goods and Services Tax (GST) is not inclusive in the fees and is collected on top of the above fees. All fees are non-refundable upon commencement of training.*

Contact details

Contact person	: Ms Grace Lee
Designation	: Executive, Education and Training
DID	: (65) 6593 7876
Fax	: (65) 6593 7880
Email	: grace_lee@ams.edu.sg
Website	: http://www.ams.edu.sg

All information published in this brochure is accurate on the date of publication and is subject to change thereafter. Publication Date: 6 October 2015

Diploma in Neonatology



Programme Objectives

The Diploma in Neonatology is designed specifically for doctors who intend to work within the field of Neonatology but not as specialists. The aim of the programme is to enable the trainee to acquire the following:

- Knowledge in perinatal counselling, neonatal resuscitation, newborn screening, routine care of the newborn baby, neonatal intensive care as well as special care of sick neonates.
- Develop competence in a wide spectrum of basic science knowledge, clinical and procedural skills while displaying professional skills.

Programme Director

A/Prof Victor Samuel Rajadurai
*Head and Senior Consultant,
Department of Neonatology
KK Women's and Children's Hospital*



Jointly awarded by the
ACADEMY of MEDICINE, SINGAPORE and the
COLLEGE of PAEDIATRICS AND CHILD HEALTH, SINGAPORE

Admission Criteria

This programme is open to all medically-trained doctors who possess Temporary registration (Service), Conditional registration or Full registration with the Singapore Medical Council (SMC). However, applicants must also satisfy the following criteria for admission into this programme:

- Have at least 2 years of full-time clinical working experience in a Paediatric Medicine in their home country or at least 6 months working experience in Paediatric Medicine in an accredited hospital in Singapore; and
- Have at least 1 year of full-time clinical working experience in the field of Neonatology in an accredited public or restructured hospital in Singapore; and
- Must be supported by satisfactory reports completed by the supervisor.

Programme Duration

This is a 2-year structured Diploma programme.

Assessment Criteria

A formal half yearly review of the trainee's progress by the supervisor is required. The aim of such a review is to ensure that the trainee is exposed to and is taught all aspects of the specialty available in the department.

An oral exam/assessment will be held at the end of training year 1. Trainees must pass this examination before they can continue to the next training year. An exit exam will be held at the end of year 2.

Yearly Commencement date :
November

Yearly Application period :
August



Training Structure

Trainees will be guided by specialists in Neonatology who will ensure that all topics specified in the syllabus are covered, and to develop and attain sufficient competency in order to provide comprehensive holistic care at all levels for newborn babies, both term and preterm.

Trainees need to undergo 2 years of supervised training in perinatal counseling, neonatal resuscitation, newborn screening, routine care of the newborn baby, neonatal intensive care as well as special care of sick neonates. Trainees also need to list the necessary basic clinical, procedural and professional skills into their logbook and must demonstrate expertise in these areas.

Syllabus

The syllabus for this Diploma programme includes the following:

1. Delivery room management and resuscitation of the newborn
2. Respiratory distress (acute and chronic)
3. Cyanosis not of respiratory origin
4. Hypotension
5. Identification and evaluation of high-risk newborn
6. Infant feeding and nutrition
7. Fluid electrolyte and blood product therapy
8. Neonatal seizures or abnormal neurological status including floppy baby
9. Congenital anomalies
10. Sepsis
11. Jaundice
12. Management of prematurity, intra-uterine growth restriction and large for gestational age infants (especially infant of diabetic mother)
13. Identification and treatment approach to birth injuries
14. Problems in metabolic adaptation
15. Neonatal screening
16. Transportation of the sick newborn infant
17. Principles of thermoregulation of the newborn infants
18. Care of the parents
19. Current ethical, psychosocial and medico-legal issues of neonatal care
20. Follow-up care of the high-risk infant