

## Diploma in Neonatology (Staff Registrar Scheme)

### Fee Structure:

- \*Registration fee: \$500 (one-time payment per applicant)
- \*Course fee \$5000 per year
- \*Examination fee \$500 per annual examination

\*Prevailing rate of Goods and Services Tax (GST) is not inclusive in the fees and is collected on top of the Registration fee , Course fee and Examination fee

### Application Procedure:

Candidates are required to fill up the

- Application form (available at <http://www.ams.edu.sg/srs.asp>)
- 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

### Withdrawal and Bond Policy (if any):

Please refer to your sponsoring institution for the withdrawal and bond policy (if any).

### Contact Details:

Contact person : Ms Era Syairah  
Designation : Executive, Administration & Training  
DID : (65) 6593 7885  
Fax : (65) 6593 7880  
Email : syairah@ams.edu.sg

Website - <http://www.ams.edu.sg>

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## ACADEMY OF MEDICINE, SINGAPORE

PATRON: PRESIDENT OF THE REPUBLIC OF SINGAPORE

### Staff Registrar Scheme

## Diploma in Neonatology

2nd Intake

Jointly awarded by the  
Academy of Medicine, Singapore

and

College of Paediatrics and Child Health,  
Singapore

Programme Director

A/P Victor Samuel Rajadurai

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### 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.

### Admission Criteria:

Applicants must satisfy the following criteria for admission into this programme:

- a) Possess a basic medical degree registrable with the Singapore Medical Council (SMC) on a Temporary (Service), Conditional or Full registration); and
- b) 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
- c) 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
- d) Must be supported by satisfactory reports completed by the supervisor.

### Programme Duration:

This is a 2 years structured Diploma programme.

### Training Curriculum:

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.

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### Syllabus:

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

### 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.

**Expected commencement date** : 1 June 2011

**Application period** : From 5 March 2011 to 5 April 2011