

# NATIONAL HAEMATOLOGY SENIOR RESIDENCY PROGRAMME

Our mission is to train outstanding haematology graduates and to inspire and mentor them to become leaders in patient care, education and biomedical research. Our Haematology Senior Residency Programme is a 42-month programme with the first 24 months designed to fulfill the requirements of the ACGME-I and the last 18 months designed to fulfill the requirements of the Specialist Accreditation Board for specialist certification in haematology in Singapore.

To fulfill our mission, our programme incorporates the following:

## Outstanding Features

- Comprehensive training in clinical and laboratory haematology, including benign and malignant haematology, stem cell transplantation, thrombosis and haemostasis, laboratory haematology, transfusion and blood banking. Our broad case mix increases our residents' exposure to a wide spectrum of simple and complex haematology patients with both common and rare disorders.
- Structured educational programme that comprises of (a) weekly didactic sessions with conferences, formal lectures and multidisciplinary conferences  
(b) clinical experience, including in-patient care, consultations, stem cell transplantation and ambulatory clinics and (c) laboratory rotations including general and specialised haematology laboratory, transfusion, blood banking and stem cell laboratory.
- As a national program we leverage on the training expertise available at all three haematology institutions in Singapore: NUHS, SGH, TTSH. This provides trainees with a rounded experience in clinical and laboratory haematology. Intensive training in transfusion medicine is carried out at the health sciences authority transfusion centre.
- Opportunities for supervised research and participation in scholarly activities under guidance of research mentors.
- Excellent training environment with strong teaching culture and dedicated faculty teaching and supervision.

## Programme Structure

The educational programme will provide a comprehensive supervised framework for advanced subspecialty training in the field of adult benign and malignant haematology, covering all aspects of clinical haematology including stem cell transplantation and important aspects of laboratory haematology and blood bank/transfusion.

In collaboration with:



Dr. Joanne Lee  
Programme Director



Dr. Tan Chuen Wen  
Associate Programme Director



### Year 1:

Gaining foundational experience and knowledge in clinical and laboratory haematology.

### Year 2:

Consolidating residents' experience and knowledge with further in-depth clinical and laboratory training.

### Year 3:

Focused training in clinical, laboratory or research blocks.

To increase clinical expertise and help develop decision-making opportunities, the senior residents will have two half-day ambulatory clinics a week throughout the three-year senior residency programme.



### Sample block rotation (Block Diagram for Trainees starting at NUHS)

Block	1	2	3	4	5	6	7	8	9	10	11	12
<b>Year 1</b>												
Institution	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS
Rotation Type	Wards	Wards	Wards	Wards	Wards	Wards	Lab	Lab	GRM	GRM	Lab	Lab
Ward or Laboratory Emphasis*	Ward	Ward	SCT	SCT	Consults	Consults	Morphology	Red cells clinical/lab transfusion medicine	GRM	GRM	Flow cytometry	Coagulation
Disease-specific clinic / Y1-2**	Disease specific Clinics Based on Institutional Roster											
Continuity Clinic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Year 2</b>												
Block	1	2	3	4	5	6	7	8	9	10	11	12
Institution	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS	HAS/SGH	NUHS	NUHS	TTSH	TTSH	TTSH
Rotation Type	Wards	Wards	Wards	Wards	Wards	Wards	Lab(HSA)	GM	GM	Wards / Lab	Wards / Lab	Wards / Lab
Ward or Laboratory Emphasis	Consults	Consults	Ward	SCT	Ward	Ward	Clinical / Lab Transfusion Medicine	GM	GM	Ward	Coagulation	Ward
Disease-specific clinic / Y1-2	Disease specific Clinics Based on Institutional Roster											
Continuity Clinic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Year 3</b>												
Block	1	2	3	4	5	6	7	8	9	10	11	12
Institution	SGH	SGH	SGH	SGH	SGH/HSA	SGH	SGH	SGH	NUHS	NUHS	NUHS	NUHS
Rotation Type	Ward	Ward	Lab	Ward	Lab	Ward	Ward	Ward	GM	GM	Lab	Lab

Rotation to TTSH applies only to senior residents funded by NHG.

Block	13	14	15	16	17	18
Institution	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS
Rotation Type	Ward	Ward	Lab	Ward	Ward	Ward

Last 6 months to include elective rotations, these are optional and may range from 1-3 months in duration

Disease specific clinics and consults (inpatient referral cover) maybe carried out based on institutional rosters

Trainees will rotate to Tan Tock Seng Hospital for 3 months during the 2<sup>nd</sup> year of training

SCT: Stem Cell Transplant, HSA: Health Sciences Authority



**Year 1:**

Gaining foundational experience and knowledge in clinical and laboratory haematology.

**Year 2:**

Consolidating residents' experience and knowledge with further in-depth clinical and laboratory training.

**Year 3:**

Focused training in clinical, laboratory or research blocks.

To increase clinical expertise and help develop decision-making opportunities, the senior residents will have two half-day ambulatory clinics a week throughout the three-year senior residency programme.



**Sample block rotation (Block Diagram for Trainees starting at SGH)**

Block	1	2	3	4	5	6	7	8	9	10	11	12
<b>Year 1</b>												
Institution	SGH	SGH	SGH	SGH	SGH	SGH	SGH	SGH	SGH	SGH	SGH	SGH
Rotation Type	Wards	Wards	Wards	Wards	Wards	Wards	Lab	Lab	GRM	GM	Lab	Wards
Ward or Laboratory Emphasis	Ward	Ward	SCT	SCT	Consults	Consults	Morphology	Morphology	GRM	GRM	Coagulation	Ward
Disease-specific clinic / Y1-2	Disease specific Clinics Based on Institutional Roster											
Continuity Clinic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Year 2</b>												
Block	1	2	3	4	5	6	7	8	9	10	11	12
Institution	SGH	SGH	SGH	SGH	SGH	SGH	HSA/SGH	HSA/SGH	SGH	SGH	SGH	SGH
Rotation Type	Wards	Wards	Wards	Wards	Wards	Lab	Lab	Lab	GM	GM	Lab	Lab
Ward or Laboratory Emphasis	Consults	Consults	Ward	SCT	Ward	Flow / Coag	Clinical / Lab Transfusion Medicine	Clinical / Lab Transfusion Medicine	GM	GM	Red Cells clinical / Lab transfusion medicine	Morphology / Coag
Disease-specific clinic / Y1-2	Disease specific Clinics Based on Institutional Roster											
Continuity Clinic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Year 3</b>												
Block	1	2	3	4	5	6	7	8	9	10	11	12
Institution	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS	NUHS	SGH	SGH	HAS / SGH	SGH
Rotation Type	Wards	Wards	Wards	Wards	Wards	Lab	Lab	Wards	GM	GM	Lab	Lab

Rotation to TTSH applies only to senior residents funded by NHG.

Block	13	14	15	16	17	18
Institution	TTSH	TTSH	TTSH	SGH	SGH	SGH
Rotation Type	Wards / Lab	Wards / Lab	Wards / Lab	Wards	Wards	Wards

Last 6 months to include elective rotations, these are optional and may range from 1-3 months in duration

Disease specific clinics and consults (inpatient referral cover) maybe carried out based on institutional rosters

Trainees will rotate to Tan Tock Seng Hospital for 3 months during the last 1.5 years of training

SCT : Stem cell transplant, HSA: Health Sciences Authority

