

## **SHORT COURSE: GENETIC AND METABOLIC CASE BOOK**

### **Module 1: Inherited Metabolic Disease (Day 1 – Wed.)**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
2.00 – 2.30 p.m.	Pre-course Quiz	MO (TBC)
2.30 – 2.55 p.m.	Inherited Metabolic Diseases: A Bird's Eye View	Dr. Ngu LH
2.55 – 3.00 p.m.	Q & A	
3.00 – 3.30 p.m.	Coffee / Tea Break	
3.30 – 3.55 p.m.	Hyperammonemia: It's A Medical Emergency!	Dr. Chew HB
3.55 – 4.00 p.m.	Q & A	
4.00 – 4.25 p.m.	Metabolic Causes of Acute / Subacute Neuro-regression	Dr. Leong HY
4.25 – 4.30 p.m.	Q & A	

### **Module 1: Inherited Metabolic Disease (Day 2 – Thurs.)**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
8.30 – 8.55 a.m.	IMD That Present in the General Clinic / Ward	Dr. Ting SL
8.55 – 9.00 a.m.	Q & A	
9.00 – 9.25 a.m.	The Diet of a Patient with Intoxication IMD	Mdm. Maslina
9.25 – 9.30 a.m.	Q & A	
9.30 – 9.50 a.m.	Practical: Designing a Diet for the Metabolic Patient	Dietetic team
9.50 – 10.20 a.m.	Coffee / Tea Break	
10.20 – 10.45 a.m.	Lactic Acidosis: When to Consult a Metabolic Specialist?	Dr. Ngu LH
10.45 – 10.50 a.m.	Q & A	
10.50 – 11.15 a.m.	The Dysmorphic Patient: Recognising Clues of IMD	Dr. Moey LH
11.15 – 11.20 a.m.	Q & A	
11.20 – 12.20 p.m.	Pecha Kucha Case Presentation – 6 Cases	Panel
12.20 – 1.40 p.m.	Lunch	
1.40 – 2.10 p.m.	Picture test	MO (TBC)
2.10 – 2.35 p.m.	Abnormal Movement: Diagnosing Treatable IMD	Dr. Chan MY
2.35 – 2.40 p.m.	Q & A	
2.40 – 3.10 p.m.	Coffee / Tea Break	
3.10 – 4.40 p.m.	Genetic Counselling & Role Play	GCSM

## Module 2: Clinical Genetics (Day 3 – Fri.)

Time	Topic	Speaker
8.20 – 8.45 a.m.	Orientation: Chromosome, Gene, Pathogenic Variants	Dr. Keng WT
8.45 – 8.50 a.m.	Q & A	
8.50 – 9.15 a.m.	Chromosomal Disorders: Common & Diverse	Dr. Muzhirah H
9.15 – 9.20 a.m.	Q & A	
9.20 – 9.45 a.m.	A Montage of Common Single Gene Disorders in Malaysia: Dysmorphic Syndrome	Dr. Winnie Ong
9.45 – 9.50 a.m.	Q & A	
9.50 – 10.20 a.m.	Coffee / Tea Break	
10.20 – 10.45 a.m.	A Montage of Common Single Gene Disorders in Malaysia: Non-dysmorphic Disorders	Dr. Kavitha R
10.45 – 10.50 a.m.	Q & A	
10.50 – 11.20 a.m.	Picture Test	MO (TBC)
11.20 – 11.45 a.m.	Imprinting Disorders: You Know More Than You Think	Prof. Thong MK
11.45 – 11.50 a.m.	Q & A	
11.50 – 12.05 p.m.	The Diet of a Patient with Prader Willi Syndrome	Mdm. Rufaida
12.05 – 12.10 p.m.	Q & A	
12.10 – 2.10 p.m.	Group Photo, Lunch & Friday Prayer	
2.10 – 2.35 p.m.	Genetic Tests: Facts & Fiction	Dr. Tae SK
2.35 – 2.40 p.m.	Q & A	
2.40 – 3.10 p.m.	Coffee / Tea Break	
3.10 – 3.35 p.m.	Unstable Repeats: Let's Go Over This Again	Dr. Ch'ng GS
3.35 – 3.40 p.m.	Q & A	
3.40 – 4.10 p.m.	Post-course Quiz	MO (TBC)
4.10 – 5.00 p.m.	Review of Picture Tests, Post-module Quiz, Poster Case Challenges & Prize Giving	Dr. Chew HB