Commissioned Training Programme 2016 – Genetics in O&G

Date	18 Jan (Mon) – Day 1	19 Jan (Tue) – Day 2	20 Jan (Wed) – Day 3	21 Jan (Thurs) – Day 4	22 Jan (Fri) – Day 5
Venue	MG Lecture Theatre, QEH	DG Multi- function Room, QEH	Auditorium, 1/F New Clinical Block, PWH	Auditorium, 1/F New Clinical Block, PWH	Auditorium, 1/F New Clinical Block, PWH
Theme	Refresh the Basics	Reproductive Genetics	Cancer Genetics	Cytogenetics and Molecular Genetics (Prenatal)	Whole exome Sequencing
09:00-09:30					09:00-09:45 Understanding the Technology and How to Determine Pathogenicity of Mutations (Prof C Eng)
09:30-10:00	Structure of Genes & Chromosomes (Prof Carlos Bacino)	Genetics of Miscarriage/Recurrent Pregnancy Loss (Prof TC Li)	Basics of Cancer Genetics (Dr Marc Tischkowitz)	Karyotype (Prof SW Cheung)	
10:00-10:30	Genes Transcription and Cell Division (Prof Carlos Bacino)	Genetics of PCOS (Prof Chen ZJ)	Genetics of Gestational Trophoblastic Diseases (Prof Annie Cheung)	FISH, PCR, BoBs (Prof SW Cheung)	9:45-10:15 Counselling and Consent before WES (Prof C Eng)
10:30-11:00	Mode of Inheritance and Recurrence Risk: Mendelian (Prof Carlos Bacino)	Genetics of Male Infertility (Prof William Yeung)	Molecular Testing in Gynaecological Cancers (Dr Marc Tischkowitz)	aCGH and SNP array (Prof Richard Choy)	10:15-11:00 Case Sharing: Application in Paediatrics (Prof C Eng)
11:00-11:15	Break				
11:15-11:45	Mode of Inheritance and Recurrence Risk: Triplet Repeat, Mitochondrial, Translocation (Prof Carlos Bacino)	11:15-12:00 Genetics of Ovarian Insufficiency, Poor Ovarian Responders: Any Underlying Genetic Causes (Prof Chen ZJ)	Genetics of Familial Ovarian Cancer Syndromes, BRCA and Hereditary Nonpolyposis Colorectal Cancer (Dr Marc Tischkowitz)	Common Microdeletion Syndromes (Prof Carlos Bacino)	11:15-12:00 Application in Prenatal: Practical Issues and Case Sharing (Prof C Eng)
11:45-12:15	Imprinting; variable expressivity and penetrance (Prof Carlos Bacino)	12:00-12:45 Counseling of Patients Before Preimplantation Genetic Diagnosis (Dr Brian Chung)	How to Manage BRCA Mutated Patients? (Dr Ava Kwong)		12:00-13:00 Practical Tips for Clinicians on How to Interpret WES Report with Case Illustration (Prof C Eng)
12:15-13:00	Case Discussion (Prof Carlos Bacino)		Counselling and Consent in Genetic testing for Cancer (Dr Marc Tischkowitz)	Counselling and Consent Before aCGH (Dr Anita Kan)	

13:00-14:00	Lunch break				

Date	18 Jan (Mon) – Day 1	19 Jan (Tue) – Day 2	20 Jan (Wed) – Day 3	21 Jan (Thurs) – Day 4	22 Jan (Fri) – Day 5
Venue	MG Lecture Theatre, QEH	DG Multi- function Room, QEH	Seminar Room, 2/F, CSB [Lui Che Woo Clinical Sciences Building], PWH	Auditorium, 1/F New Clinical Block, PWH	Auditorium, 1/F New Clinical Block, PWH
Theme	Pedigree + Carrier Screening	Reproductive Genetics	Hands-on workshop	aCGH	NIPT
14:00-1430	Pedigree Taking and Risk Assessment (Yoyo Chu)	Preimplantation Genetic Diagnosis for Monogenic Diseases/Translocation (Prof William Yeung)	14:00-16:30 *Reading NGS Test Report: What a Clinician Needs to Know (Dr Brian Chung, Gordon Leung, Yeung Kit San, Christopher Mak)	How to Determine the Pathogenicity of CNVs (Prof Richard Choy)	Principles and Pitfalls of NIPT (Prof Rossa Chiu)
14:30-15:00	Case Discussion (Yoyo Chu)	Reproductive Options of Adult Onset Neurological Diseases (Dr Vivian Lee)			
15:00-15:30	Thalassemia screening and genetics (Dr Jason So)	The Use of Preimplantation Genetic Screening in Assisted Reproduction (Prof Qiao J)		15:00-16:00 Practical Tips for Clinician on How to Interpret aCGH Report + Case Sharing (Prof Richard Choy)	Counselling Before and After NIPT (Dr TK Lo)
15:30-15:45	Break				
15:45-16:15	Fragile X screening + Common AR Conditions (Dr Olivia Chan)	15:45-16:30 Comparison of Different Platforms for Preimplantation Genetic Screening (Prof Qiao J)			NIPT for Trisomy: Current Practice and Case Sharing (Prof TY Leung)
16:15-16:45	Expanded Carrier Screening (Dr Edgar Hau)				NIPT for Single Gene Disorders (Prof Rossa Chiu)
16:45-17:00					

*Due to limited capacity of the training venue, prior registration is required. Please bring your own laptop computer.