In-Training Evaluation Report – Genetic and Genomic Diagnostic Specialty

NAME: Last Name _____ First Name _____

Date Training Started: _____ Full Time ☐ Part time ☐

Training Stage: **Core** Unit: **Cancer Genetics 2**

Unit Start Date: _____ Unit End Date: _____

Training Site: _____ Supervisor: _____

Learning objectives associated with this unit:	Below expectations	Meets expectations	Exceeds expectations
ME 1.3 Apply knowledge of microsatellite instability and immunohistochemistry in Lynch syndrome testing algorithms and in the interpretation of identified germline and somatic variants			
ME 1.3 Apply knowledge of NGS characteristics of somatic variants versus germline variants and recommend appropriate clinical follow-up in the reporting of germline variants from somatic testing			
ME 1.3 Apply knowledge of basic tumour biology, analytical factors and tumour sampling, and their impact on somatic tumour variant detection in different tissues			
ME 1.3 Apply basic knowledge of the concepts of oncogenes, tumor suppressor genes, fusion genes to understand pathogenic variants associated with cancer			
ME 2.2 Select additional testing based on an appreciation of the diagnostic possibilities, clinical context, available specimens, and the relevance and capabilities of available technologies			
ME 2.2 Apply knowledge of clinical indications and criteria that warrant hereditary cancer testing, including the role of predictive testing in cancer predisposition and cancer risk assessment			
ME 3.1 Apply knowledge of minimal residual disease detection based on the variant type previously identified to select the most appropriate technology for testing			
ME 3.4 Apply knowledge to troubleshoot testing for recurrent somatic variants including SNV, amplification and fusion genes and correctly report the diagnostic and prognostic associations of these variants			
ME 4.1 Report appropriate recommendations for follow-up testing and/or family studies based on the specific variant identified			
COM 5.2 Recognize and appropriately report common molecular genetic variants for different cancer types that contribute prognostic, diagnostic, or therapeutic information			
S 3.3 Apply knowledge of existing databases and published interpretation criteria, including their inherent limitations, used to interpret germline versus somatic variants in the context of different cancers			

S 3.4 Understand the potential utility of circulating tumour DNA in the management of neoplasms			

Longitudinal Competencies:	Never	Rarely	Sometimes	Usually	Always
ME 1.3 Apply knowledge of the main clinical features of genetic disorders in the context of choice of testing procedure, result interpretation and report writing					
ME 1.6 Demonstrate insight into limits of expertise and seek consultation as necessary					
ME 2.1 Prioritize specimens and testing based on clinical indication and impact on medical management					
ME 2.2 Select ancillary tests in a resource-effective and ethical manner that balances costs with potential utility of results					
COM 4.1 Prepare clear, concise, comprehensive, and timely written reports for genetic tests that incorporate personal and family history and results from other relevant testing in answering the clinical question					
COL 1.2 Discuss trouble-shooting issues with colleagues in the genetic laboratory including laboratory members					
COL 1.2 Work effectively with laboratory technologists and laboratory assistants, directing their assistance as appropriate					
COL 2.1 Respond to requests and feedback in a respectful and timely manner					
L 1.1 Actively participates in quality control, quality assurance, and quality improvement initiatives					
L 3.1 Review quality control data, and take appropriate action for deficiency follow-up, including possible sample mix-up					
HA 1.3 Understand the clinical implications of incidental findings, approaches to minimize the chance of finding them, and policies for reporting					
S 1.2 Identify opportunities for learning and improvement by regularly reflecting on and assessing personal performance					
S 2.4 Participate in available learning activities					
P 1.2 Demonstrate a commitment to excellence in all aspects of laboratory practice					
P 3.1 Adhere to the relevant codes, policies, standards, and laws governing laboratory practice including accreditation, standard operating procedures, training and competency, safety, and privacy					

Technical and Interpretative requirements have been completed for this unit Yes ☐ No ☐
If no, justify in the section below.

Summarize the trainee's performance for this unit and formulate recommendations for future improvement

Name/Signature of evaluator(s) _____

Date _____ _____

Name/Signature of Program Director _____

This is to attest that I have read this document Signature of Trainee _____