



Global Initiative for Cancer Registry Development



GICR e-learning Series Learner Guide

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About the Guide

This learner guide describes how the [GICR e-learning Series](#) modules can be used for comprehensive training in the principles and practice of cancer registration. The guidance below is provided to assist in the planning of your learning experience.



Further information on the purpose and structure of the [GICR e-learning Series](#) is available through the [GICR website](#) and the **GICR e-learning Series Course Syllabus**.

Module Structure

In the table below, the 16 free, interactive online modules are referenced by their number and title. For example, M7 Staging of Cancer refers to the seventh module, titled *Staging of Cancer*. Modules are further divided into sessions, which cover key content areas and have specific learning objectives.



Time and Sequence for Module Completion

The [GICR e-learning Series](#) is designed to be self-paced so that learners can pause at any point and resume from where they left off when it is convenient.

The amount of time needed to complete each module will depend on:



Learners' individual approaches and preferences, including the level of notetaking and re-reviewing of content for full understanding.



The amount of content, examples, linked resources, demonstrations, and challenge quizzing involved in the modules selected.



The successful completion of Final Challenge quizzes at the end of modules. After three attempts to pass the quiz, learners will be directed to go back and review the modules again.

Also, learners can work through modules in the order they wish.



It is recommended that those who are new to cancer registration proceed sequentially through the series as presented in the learner guide, as certain concepts and procedures from earlier modules are needed to support learning in later modules.

Levels of Learning

The [GICR e-learning Series](#) is oriented toward two levels of learning—basic and intermediate—which are contained within the sessions of individual modules:



Basic-Level Sessions

Contain concepts that are considered fundamental to cancer registration. In other words, the learning objectives are a starting point for working in cancer registry or with cancer registry data. At the completion of the basic sessions, the learner would possess the essential level of knowledge needed.

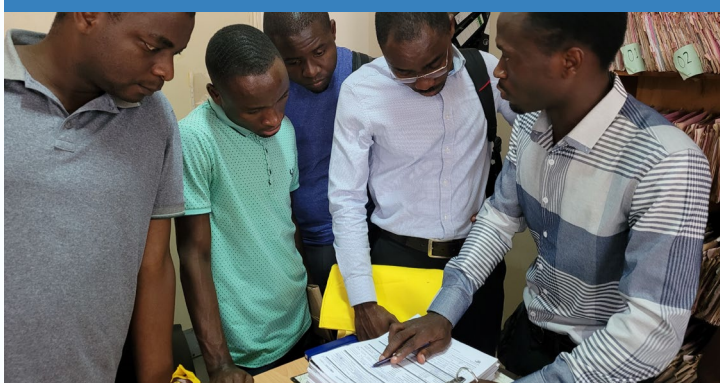
Intermediate-Level Sessions

Cover topics in greater detail and contain content that extends beyond minimum knowledge and skills in cancer registration.

Suggested Learning Streams by Registry Role

This guide offers suggested learning streams that group together sessions within modules that are considered to provide the different levels of knowledge and skill needed for specific roles within the cancer registry. Please note that it is not mandatory to follow a Learning Stream. This is provided only as guidance for users who wish to focus on certain registry roles. Currently, the eGICR Series does not allow users to register in a Learning Stream. Those who wish to, must select the lessons to complete on their own. Certificates will be awarded only for the completion of entire modules or the eGICR Series. The streams are separated into three broad areas of knowledge and skill:

The Registrar Stream



The Registrar Stream

Primarily for those learners who will have a role in data collection. This includes such tasks as identifying cases, coding, data entry, case consolidation, data quality, and management of the cancer registry database. Typically, users would have a medical records or nursing background.

The Analyst Stream

For learners focused on the use of data. This Stream deals with topics to help users understand how data is collected and how it can be analysed. This includes those who are involved in data analyses, the production of the cancer registry report, epidemiology reports, research studies, and the production of general information products such as fact sheets and custom tabulations.

The Analyst Stream



The Director Stream



The Director Stream

Learners who need only a high-level understanding of what a cancer registry is, what information can be produced, and what is needed to operate a cancer registry. A cancer registry director would primarily comprise this group, but the label also applies to health care decision makers such as hospital directors, government officials in the ministry of health, and general consumers of health information such as advocacy groups or non-governmental agencies.

How to Earn Certificates of Completion

A Certificate of GICR Learning Module Completion will be issued to each user who successfully completes a module. Those who complete all the modules within a 12-month period will receive a Global Certified Cancer Registrar designation as their Certificate of Completion.



More detail on the earning of certificates of completion and how to earn a **Global Certified Cancer Registrar (GCCR)** certification is contained in the course syllabus.

Table: GICR e-learning Series Learner Guide

Module and Sessions	Level	Suggested Stream by Role		
		Registrar	Analyst	Director
M0: Pre-Course Preparation Module (Required)				
1. Principles of Cancer Biology and Pathology	Basic	X	X	
2. Cancer Control and Cancer Surveillance	Basic	X	X	X
3. Cancer Registration	Basic	X	X	
M1: Introduction to Cancer Surveillance				
1. Public Health Surveillance	Basic	X	X	X
2. Cancer Surveillance	Basic	X	X	X
3. PBCR—Key Elements	Basic	X		X
4. Global Cancer Surveillance	Basic	X		X
M2: Measuring Cancer Incidence, Mortality and Prevalence				
1. Key Concepts in Epidemiology	Intermediate		X	X
2. Comparisons Between Populations	Intermediate		X	
3. Making Estimates of the Population at Risk	Intermediate		X	
4. Types of Incidence Rates	Intermediate		X	

Module and Sessions	Level	Suggested Stream by Role		
		Registrar	Analyst	Director
M3: Cancer Registries				
1. Introduction to Cancer Registries	Basic	X		X
2. Types of Cancer Registries	Basic	X	X	X
3. A Brief History of PBCRs	Basic			
4. Functions of a PBCR	Basic		X	
5. Planning and Management of a PBCR	Basic			X
M4: Variables for Cancer Registries				
1. Introduction to Variables for Cancer Registries	Basic	X	X	X
2. Patient Variables	Basic	X		
3. Tumour Variables	Basic	X		
4. Treatment Variables	Basic	X		
5. Variables of Sources of Information	Basic	X		
6. Follow-Up Variables	Basic	X		
M5: Classification and Coding				
1. Introduction to Classification and Coding	Basic	X	X	
2. ICD-O-3 Manual	Basic	X		
3. ICD-O-3 Coding Rules	Basic	X		
M6: Case Finding and Sources				
1. Source of Information for the Cancer Registry	Basic	X		
2. Abstraction of Case Information	Basic	X		
3. Layout of Medical Records	Basic	X		
M7: Staging of Cancer				
1. Principles of Staging	Basic	X		
2. Essential TNM Principles & Introduction	Intermediate	X		
3. Abstracting and Coding Stage	Intermediate	X		
4. Types of Cancer	Intermediate	X		

Module and Sessions	Level	Suggested Stream by Role		
		Registrar	Analyst	Director
M8: CanReg: Installation and Management				
1. Introduction to CanReg5	Basic	X		X
2. Browsing CanReg5	Basic	X		
3. Browsing CanReg5	Basic	X		
M9: CanReg: Data Entry				
1. Data Entry	Basic	X		
2. Duplicates	Basic	X		
3. Multiple Primaries	Basic	X		
4. Population Data Set & Incidence Rates	Basic	X		
M10: Treatment and Follow-Up				
1. Treatment	Basic	X		
2. Follow-Up	Basic	X		
3. Survival Analysis	Intermediate	X		
M11: Principles of Data Quality				
1. Introduction to Data Quality	Basic	X	X	X
2. Comparability	Basic		X	
3. Completeness	Basic		X	
4. Validity	Basic		X	
5. Timeliness	Basic		X	
M12: Analysis and Presentation of Data				
1. Data Analysis and Presentation Tools	Basic		X	
2. Cancer Incidence, Mortality and Prevalence	Basic		X	
3. Presenting Cancer Registry Results	Basic		X	
4. The Registry Report	Basic	X	X	X
5. Dissemination of Results	Basic		X	X

Module and Sessions	Level	Suggested Stream by Role		
		Registrar	Analyst	Director
M13: Confidentiality				
1. Ethical Principles	Basic	X	X	X
2. Legal Requirements	Basic	X	X	X
3. Privacy and Confidentiality	Basic	X	X	X
4. Data Protection	Basic	X	X	X
M14: Uses of Registry Data for Cancer Control				
1. The Scope of PBCR Data	Basic	X	X	X
2. Assess the Burden of Cancer	Basic		X	X
3. Monitoring Primary Prevention & Early Detection	Basic		X	X
4. Planning Services & Cancer Care	Basic		X	X
5. Concepts in Knowledge Translation	Basic		X	X
M15: Paediatric Cancer Registration				
1. Introduction to Childhood Cancers	Basic	X	X	X
2. Classification and Coding	Basic	X		
3. Special Considerations for Cancer Registries	Basic	X		X
4. Staging of Childhood Cancers	Basic	X		