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## 2016 World Cancer Congress Master Courses

### Master Course N°2: System Performance Measurement and Reporting

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#### Course description:

This course will provide the fundamental knowledge and toolkits to either launch a cancer system performance measurement program or expand/enhance an existing program to improve impact.

The course will outline strategies to develop a successful performance measurement program. This program would leverage and build on existing data and knowledge resources in a jurisdiction to develop and make available high value metrics, analyses, and reporting tools such as dashboards and indicator reports. The course will also focus on knowledge mobilization strategies to ensure that the measurement work directly informs improved clinical practice as well as policy, planning, and management decisions in cancer control.

#### Course objectives:

Participants completing the course will be equipped with foundation knowledge that can be used towards accomplishing the following:

1. Identification of program strategy: Applying the course tools to develop a conceptual framework assessing the current state and priority needs of performance measurement and reporting of their jurisdiction, and mapping key knowledge gaps on the system's performance. This framework will also be the organizing logic model to guide future performance measurement efforts.
2. Preparing a proposal: Producing an evidence-based business case and feasibility study for the development and/or enhancement of a jurisdiction-wide system performance measurement and reporting program.
3. Implementation plan: Developing a detailed implementation or enhancement plan that will encompass the management and advisory infrastructure as well as the technical and data collection and analysis strategy. The plan would be informed the logic model, the feasibility study, and a focused environmental scan and literature review.

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4. Indicator development plan: Conducting an indicator identification, prioritization, and selection session/process using modified-Delphi methods and which includes balanced geographical, multi-sectoral and multi-disciplinary representation of leaders from the clinical, policy, administrative, research, patient/survivor, and technical/methodological perspectives.
5. Data collection & analysis plan: Leveraging and building on existing data and information sources to support early or advanced performance indicators. This will be relevant to the full range of jurisdictional data capabilities and resources from very rudimentary to advanced.
6. Knowledge transfer & exchange strategies: Publishing and disseminating system performance data and results to maximize relevance and impact for users. This includes tips for presenting performance data using various platforms and data visualization tools, use of targets and benchmarks, and interpreting patterns and variations.
7. Evaluation & methodological review: Developing a process for conducting continual methodological review to refine existing indicators to ensure alignment with reporting in other jurisdictions and supporting evidence from current literature.
8. For more advanced jurisdictions with a strong foundation in performance indicator development and reporting, the course will focus on strategies for implementing special studies and analysis that can help explain factors contributing to the variations and patterns in the results to make them more relevant and meaningful for clinicians and decision makers.

**Target Audience:**

- Cancer epidemiologists, biostatisticians, registry leaders, and evaluation specialists
- Health services researchers with an interest in performance measurement
- Program planners and decision makers in government, cancer centres, and health care facilities
- Developers of national cancer plans
- Cancer clinicians with an interest in quality measurement

**Course leaders:**

Mr. Rami Rahal, Director System Performance & Surveillance, Canadian Partnership Against Cancer

**Other faculty:**

Dr. Heather Bryant, Vice President Cancer Control, Canadian Partnership Against Cancer

Dr. Phippe-Jean Bousquet, Responsable département Observation, Veille et Evaluation, Institut national de cancer, France

Dr. Tallal Younis, Medical Oncologist, Associate Professor of Medicine, Dalhousie University, Canada