The role of Health Institutions in collecting death and cause of death

Workshop on the Principles and Recommendations for a Vital Statistics System, Revision 3, for Caribbean Countries

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Contents

• Vital statistics - Regional Mortality System

• E-learning tools on PAHO Virtual Campus: for medical doctors, coders.

• ICD -11: participation on the field testing.
PAHO/WHO Regional Mortality System: number of countries 2000-latest year available

![Bar chart showing number of countries reporting mortality data from 2000 to 2014 for the Americas and Caribbean regions.](image)
Proportion of ill-defined deaths. Caribbean countries, triennium 2009-2011

Source: PAHO/WHO Regional Mortality System (update in July 2015)
Virtual course on properly completing death certificate
Virtual course on properly completing death certificate

- Objective: improve the knowledge of the adequate completion of a death certificate and its importance in the decision making process in health.
- Format: it is a self-learning virtual course, available at PAHO Virtual Campus for Public Health.
Virtual course on properly completing death certificate

- How to access: participants have to register on the virtual campus to receive user ID and password. The course can be accessed from any computer or mobile device.
- Time period: the course takes approximately 3 hours or can be taken over a period of time, accordingly to the availability of each participant.
- The course is available in Spanish and English through the virtual campus of PAHO: [http://cursos.campusvirtualsp.org/?lang=en](http://cursos.campusvirtualsp.org/?lang=en)

- The French version will be launched by the end of 2015
ICD 11 Field testing
The history of ICD Revisions

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Farr/d’Espine, Bertillon, ICD 1, ICD 2, ICD 3, ICD 4, ICD 5, ICD 6, ICD 7, ICD 8, ICD 9, ICD-9-M, ICD 10.
Problems with ICD-10

- Outdated knowledge
- Driven by mortality and billing use cases
- Is just "a laundry list" – no definitions
- Does not interoperate well with electronic health records
- Lacking conceptual and operational alignment with other classifications and terminologies
ICD-11 Features

- ICD-11 serves **multiple use-cases**
  - Mortality, Morbidity, Primary Care, Quality and Safety or research...
- ICD-11 will be ready to use in most Electronic Medical Records.
- ICD-11 **aligns and links with other classifications, ontologies and terminologies**
  - International Classification of Diseases for Oncology (ICD-O)
  - International Classification of External Causes of Injury (ICECI)
  - International Classification of Functioning Disability and Health (ICF)
  - Gene Ontology (GO)
  - Systematized Nomenclature of Medicine--Clinical Terms (SNOMED-CT) and other standard terminologies
ICD 11 – Testing field

• Mar-Jun 2016: implementing field tests (trainings and identification of sites)
• July-Sept: Analysis of data
• October 2016: Discuss the results at global level.
Challenges

- Increase the number of variables in the Regional Mortality System
- Virtual course: plan of dissemination and include cases from the Caribbean
- Implement a Regional System on birth lives from countries
- Morbidity
Thank you

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