

# Development of an online ICD-10 Course, in Spanish

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**Abstract** One of the main functions of CEMECE is training on the appropriate use of health classifications. Every year the Center gives training courses for nearly 300 national coders and, for 7 years, it has been giving courses for training instructors in codification of medical information (30 to 35 per year). In order to decentralize the training in codification of medical information, the CEMECE has promoted the creation of regional training centers in the country. However, to the CEMECE it's very important to develop other training tools on the ICD-10, like online courses in Spanish, in order to expand the training.

## Introduction

The CEMECE had its first experience in 1999 when it collaborated with PAHO in the development of the **InterCod**, a self-learning tool that was distributed in Latin American countries.

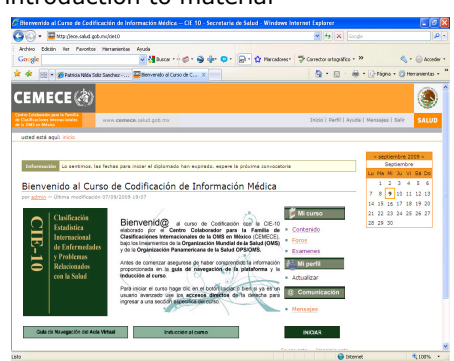


However, because the InterCod was developed before 2000 it does not include ICD-10 updates.

Additionally, the growing demand for training due to rotation of staff trained in the areas of health information has promoted that the CEMECE develops a new training tool.

- The course structure includes the following modules:**
1. Overview of ICD-10
  2. Basic structure and classification principles of ICD-10
  3. Use of the ICD-10 and its updates
  4. Rules and guidelines for registration and coding of mortality
  5. Rules and guidelines for registration and coding of morbidity
  6. Use of health information
  7. Updates
  8. Related sites

The course begins with a welcome and introduction to material



## Methods & Materials

### Overview and structure of ICD-10



Each module includes: a visual guide, main content, manual, a forum for discussion and evaluations.

### Basic structure and classification principles of ICD-10



Also, each module contains Key messages and images as part of a presentation.

The following example is included in Module 1. *Historical background of the ICD-10.*



There are chances to hear key messages of the presentation, selecting the specific icon.



The user can select some images and more description of it appears.

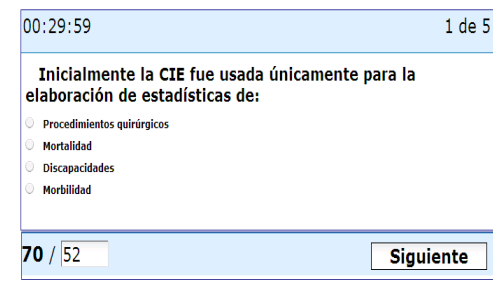
It is presented in the figure, the example of Volume 3 of ICD-10.

## Results

The course also includes updates to ICD-10.

The course includes different types of exercises and evaluations for each module.

Some of them explore basic concepts, others explore rules and others explore code assignment, selection of underlying causes of death and reselection of main condition.



There is a time control for each evaluation.

At the end of the evaluation, the user has a score.

The course also has an assessment when the course is over.

Now we are developing and reviewing each module.

A pilot test is also included in the tool.

## Conclusions

• Training is certainly a necessary activity of extraordinary relevance for the WHO-FIC Collaborating Centers.

• It is important to develop tools to train and update users of the ICD-10.

• However, face to face training activities should also be continued and strengthened.

• This kind of tools should include issues about the importance of health information for assessment and public policy.

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