EZ-MMD
(EZ-Mortality Medical Data)
A 21st Century Approach for Completing Death Certificates

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What is EZ-MMD?

It is envisioned as a “next generation” collection method for mortality records that goes beyond the current electronic death registration system (EDRS) model (which is basically a reproduction of the paper form in electronic media).
What will it look like?

Several model designs are being tested. All models are questioned based similar to electronic tax completion software. The questions permit a certifier to provide medical information about cause of death independent of the format of the death certificate.
Why develop EZ-MMD?

To improve the quality of death certificate data

Current death certificate data is often incomplete or inaccurate

Many certifiers are unfamiliar with the format of the death certificate

To help certifiers complete the certificate as easily as possible

EZ-MMD will be accessible from all hand-held devices as well as hospital EHR systems
23. IMMEDIATE CAUSE

(a) metastatic prostate cancer

(b) acute renal failure

(c) hematuria

24. OTHER SIGNIFICANT CONDITIONS - conditions contributing to death but not related to causes given in Part IA.

(a) diabetes mellitus type II

Panel II:

26a. Yes

26b. No

26c. No

26d. Yes, were i working at the time

Panel III:

28a. No

28b. No

28c. No

Panel IV:

29a. Yes

29b. Yes

29c. Yes

Panel V:

30a. Yes

30b. Yes

30c. Yes

Panel VI:

31a. Yes

31b. Yes

31c. Yes

Panel VII:

32a. Yes

32b. Yes

32c. Yes

Panel VIII:

33a. Yes

33b. Yes

33c. Yes

Panel IX:

34a. Yes

34b. Yes

34c. Yes

Panel X:

35a. Yes

35b. Yes

35c. Yes

Panel XI:

36a. Yes

36b. Yes

36c. Yes

Panel XII:

37a. Yes

37b. Yes

37c. Yes

Panel XIII:

38a. Yes

38b. Yes

38c. Yes

Panel XIV:

39a. Yes

39b. Yes

39c. Yes
VIEWS
(Validations and Interactive Edits Web Service)

Will be the validation engine for EZ-MMD

A comprehensive set of mortality-focused validations and checks to enable the data provider to correct or clarify the data at the source immediately, without waiting for after-the-fact follow-up efforts, such as queries.
VIEWS
(Validations and Interactive Edits Web Service)

For use through electronic data systems

Exchanges data using XML messages through a CDC provided web service.

No user interface. A state or vendor must design its own.
VIEWS validations features

“Intelligent” spell checking

Rare words

Abbreviations

Basic data validations such as date of injury and date of death inconsistency

Surveillance – prompts for “conditions of interest”

Medical edits – age and sex and condition mismatches

Rare causes

Nonspecific entries
How will EZ-MMD affect surveillance?

It all starts with the data:
Better data equals better surveillance.
EZ-MMD demonstrations

The different models being developed can be viewed at the exhibit booth at the following time:

Tuesday August 7 3:30-4:00p.m.
Wednesday August 8, 8:00-10:00a.m.

Please stop by!
The model demonstration

The next set of slides will be a demonstration of one of the EZ-MMD models.