# 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 hosptial EHR systems

| | |
|---|---|
| 21d. | 21a. 21c. |
| | (Enter only one cause per line for A, B, and C) |

Conditions, If Any, Which Gave Rise To Immediate Cause Stating the Under-lying Cause Last.

**23. IMMEDIATE CAUSE**

PART I — A. METASTATIC PROSTATE CANCER — Approximat...

Due to, or as a consequence of:

B. ACUTE RENAL FAILURE — Approximat...

Due to, or as a consequence of:

C. HEMATURIA. — Approximat...

**CAUSE OF DEATH**

If Infant Death, Indicate Birth Certificate No. of Mate(s).

**24. OTHER SIGNIFICANT CONDITIONS** - conditions contributing to death but no related to cause given in Part 1A. (If female, indicate if pregnant or birth occurred within 90 days of death.)

PART II — DIABETES MELLITUS TYPE II

| AUTOPSY (Yes or No) 25a. NO | IF YES, WERE F... MINING CAUSE 25b. |

**WAS OPERATION PERFORMED** (Yes or No) 26a. NO | **DATE OF OPERATION** (Mo., Day, Year) 26b. | **CONDITIONS FOR WHICH OPERATION WAS PERFORMED** (Specify) 26c.

**ACCIDENT, SUICIDE, HOMICIDE, UNDETERMINED** (Specify) 27 | **DATE OF INJURY** (Mo., Day, Year) | **DESCRIBE HOW INJURY OCCURRED**

# 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 it's 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.