

PROJECT

CROWNWeb

Consolidated Renal Operations in a Web-enabled Network

CMS' CROWNWeb Application

The Batch Data Submission Process

Featuring

Norma Ofsthun

Fresenius Medical Care

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Introductions

CMS

Jacqueline Abt

Government Task Leader (GTL)

Renal RCT Team – CROWNWeb

Matt McDonough

Communications Manager

Renal RCT Team – CROWNWeb

**And a special welcome to our featured
presenters...**

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From CMS...

Matthew Leipold

Health Insurance Specialist, OCSQ
MS – Health Informatics - UMBC

Mr. Leipold is a Health Insurance Specialist within the Office of Clinical Standards and Quality. He has a Master's of Science degree with a concentration in Health Informatics from the University of Maryland Baltimore County. He has participated as either a management official or technical representative in all CMS, quality-related, ESRD IT projects and initiatives over the past 8 years. In addition to several non-ESRD assignments, Mr. Leipold currently serves as a member of the ESRD Quality Incentive Program Business Operations and Data subgroup.

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From Edaptive Systems...

C

Todd Nevin

CROWNWeb Test Manager
ADO Task Lead for the Batch Pilot
Edaptive Systems



Mr. Nevin works at Edaptive as the Lead Test Manager for the CROWNWeb project, where he has worked closely with CMS and the CROWNWeb infrastructure, requirements and development teams. He is also the ADO Task Lead for the Batch Pilot, working closely with CMS and batch stakeholders. He has worked in the medical community for 18 years after attending George Mason University in Fairfax, Virginia.

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Our Special Guest

Norma Ofsthun

Vice President of Corporate Research
Fresenius Medical Care



Dr. Ofsthun is the Vice President of Corporate Research at Fresenius Medical Care. She has a Ph.D. in Chemical Engineering from MIT, and has worked in the dialysis industry for 20 years. She also oversees the Custom Reporting and Data Analysis Group, whose role is to provide information from the company's extensive Data Warehouse to a variety of internal customers including the Medical Department. Because of her familiarity with clinical data, she continually participates in CMS projects including Fistula First, eLab, Core Data Set, and CROWNWeb.

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Today's Objectives

- **Define “Batch”**
- **Batch – One Organization's Experience**
- **Developer's Update**
- **The Future of Batch**

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What is “Batch?”

Batch Data Submission

Definition: The extraction of clinical and administrative data from a proprietary software program, and the submission of that data in a predefined format into the CROWNWeb system.



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Goals of CROWNWeb

- **Support data collection requirements of CfCs:**
 - Single User Interface (SUI) for 2728 and 2746 forms, Vascular Access
 - Batch Data Submission
- **Support National Patient Registry**
- **Support Calculation of Medicare Coverage Periods**
- **Support Quality Improvement Initiatives**
- **Future Enhancements (Public Reporting, Quality Incentive Program)**

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One Organization's Experience

Who is Fresenius?

- **Largest provider of dialysis services**
 - over 1700 facilities in US
 - approximately 140,000 patients (Q4 09)
- **Manufacturer of dialyzers & machines**
- **Largest ESRD Laboratory in USA**
- **Largest repository of ESRD data**
 - e.g. ~ 1 million lab results/week
- **Active participant in CMS projects**
 - Fistula First, eLab, Core Data Set, CPM, CROWNWeb

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FMC Observations

- **Resource Requirements**
- **Ease of Use**
- **Accuracy**

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Batch Challenges

- **File Format (rejection)**
- **Form Requirements (DOA, QIPS)**
- **Invalid Physician Info**
- **Near Matches**
- **Other Logic Constraints (dates, clinical elements)**

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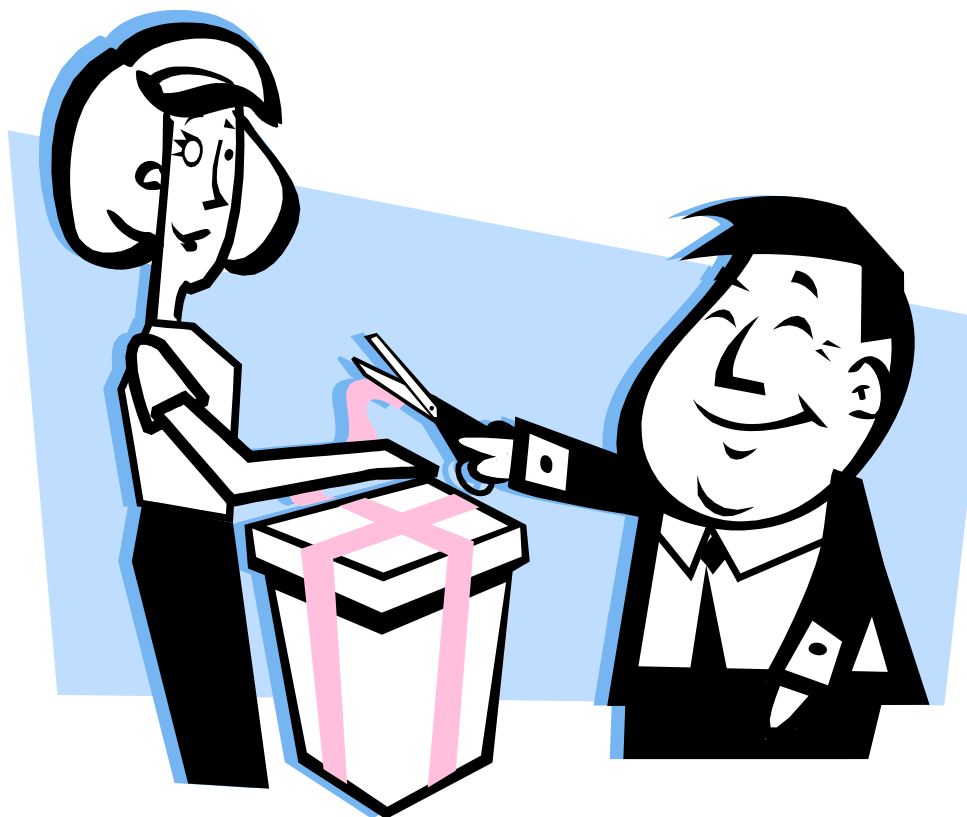
Known Issues - Clinical

- **Vascular Access data logic (create date)**¹⁹⁷
- **Field dependencies and restrictions**
 - Serum Creatinine (tied to PD adequacy)
 - Residual Renal Function (not included for HD)
 - IV Iron prescription start/end dates (only 1 date)
- **Need to manually change discharge reason in CROWNWeb for 2746 after withdrawal**²⁰⁴

Pilot Testing - Issues

- **Near Match Misses**
 - Middle Initials
 - Hispanic Names
 - Similar Names with Nicknames
- **Admit/Discharge Inconsistencies**
- **Accidental Permanent Admissions of Transients**
- **Duplicate Patients**
 - Mislabeled as New to ESRD
 - Typo in Logical Identifiers

Wrapping Up



Next up... Development Challenges and the Future

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Batch Data Development Challenges and the Future

Who is Edaptive

- **Edaptive is...**
- **Developer for Batch Submission**
 - Maintenance
 - Enhancement
 - Operations
 - Expansion of Batch (once approved)

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Development to Date

- **Release History**
- **Developer Experience**
 - **Baseline of Requirements**
 - **Continued Operation of Pilot**

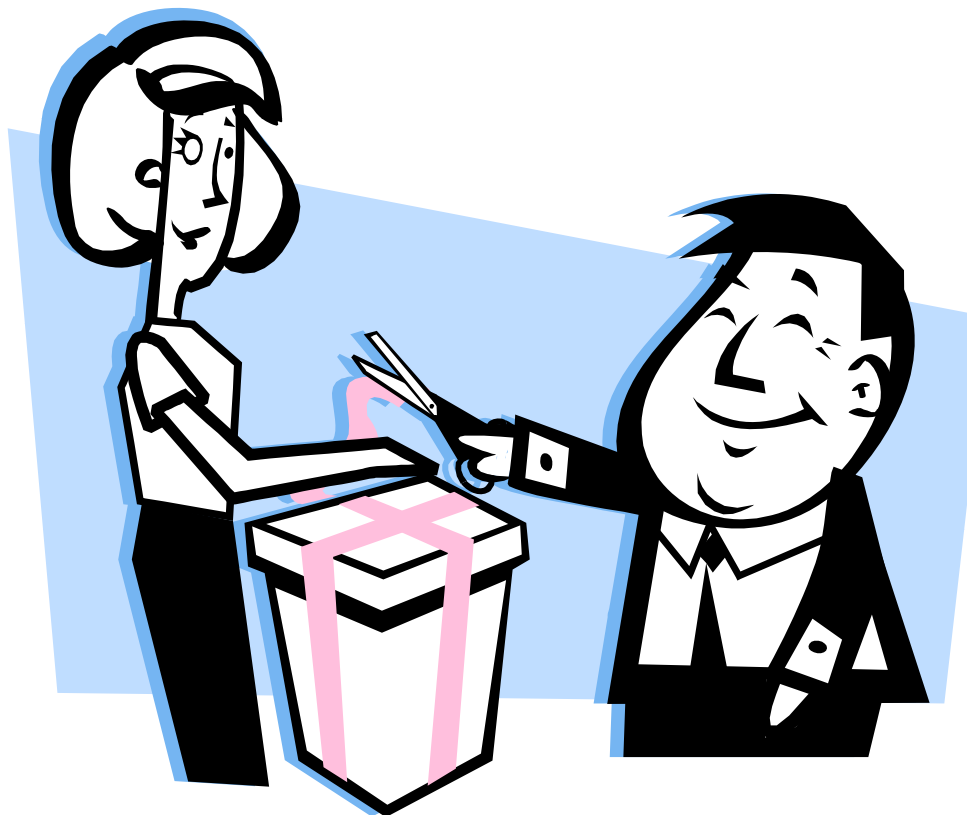
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Goals Going Forward

- Continued operation of Batch pilot
- Ongoing collaboration with stakeholders (CMS, BSOs, NRAA, etc.)
- Evaluate and implement approved change requests
- Stay within timeline/budget

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Wrapping Up



Next Up... CMS and the Vision for Batch Data

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Batch Data

The Vision for Batch Data Submission

CMS Vision for Batch

- **CMS Recognizes the Importance of Batch Submission**
 - Resources
 - Time
- **Concerns**
- **Vision**

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Questions?



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Our Next Session

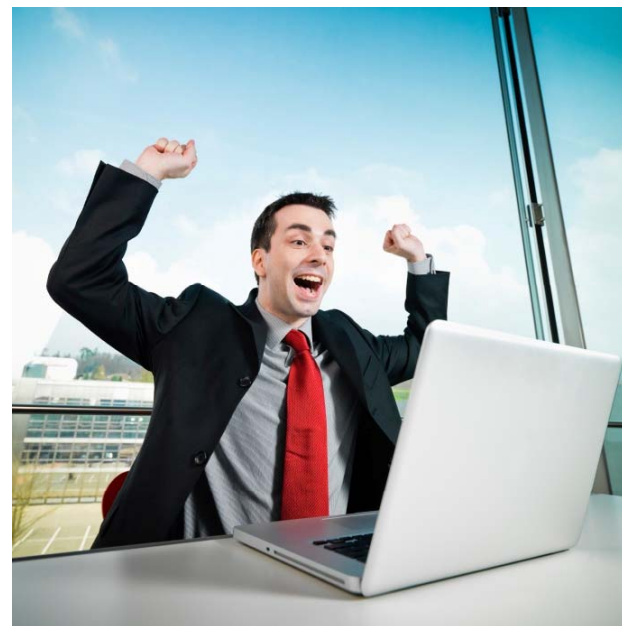
Clinical Performance Measures

with **Randall Webb**

University of Michigan
Kidney Epidemiology and
Cost Center (UM-KECC)

Date: March 25, 2010

Time: 2pm-3pm ET



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Thanks!

For Further Information...

Email: CRAFT@nw7.esrd.net

CROWN Help Desk: 1-888-ESRDHD1

Web Site: <http://www.projectcrownweb.org>

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