

# **Physician Quality Reporting System (PQRS)**

## **CMS-Selected Group Practice Reporting Option (GPRO)**

Program Year 2012

Monthly Support Call

December 05, 2012

# Disclaimers



*This presentation was current at the time it was published or uploaded onto the web. Medicare policy changes frequently so links to the source documents have been provided within the document for your reference.*

*This presentation was prepared as a tool to assist providers and is not intended to grant rights or impose obligations. Although every reasonable effort has been made to assure the accuracy of the information within these pages, the ultimate responsibility for the correct submission of claims and response to any remittance advice lies with the provider of services. The Centers for Medicare & Medicaid Services (CMS) employees, agents, and staff make no representation, warranty, or guarantee that this compilation of Medicare information is error-free and will bear no responsibility or liability for the results or consequences of the use of this guide. This publication is a general summary that explains certain aspects of the Medicare Program, but is not a legal document. The official Medicare Program provisions are contained in the relevant laws, regulations, and rulings.*

*CPT only copyright 2011 American Medical Association. All rights reserved. CPT is a registered trademark of the American Medical Association. Applicable FARS\DFARS Restrictions Apply to Government Use. Fee schedules, relative value units, conversion factors and/or related components are not assigned by the AMA, are not part of CPT, and the AMA is not recommending their use. The AMA does not directly or indirectly practice medicine or dispense medical services. The AMA assumes no liability for data contained or not contained herein.*

# Your GPRO Support Team



## ◆ CMS

- ◆ Regina Reymann Chell, RN, BSN, GPRO Lead
- ◆ Alexandra Mugge MPH, Health Insurance Specialist

## ◆ CMS Contractors

- ◆ Web Interface Development Team – “DECC”
  - ◆ Jane Schiemer, Application Architect
- ◆ Program Management and Measures Team – “PMBR”
  - ◆ Courtney Rose, Health Informatics Analyst
  - ◆ Carol Noyes, Clinical Analyst
- ◆ Vetting/Support Call Team – “Vetting Contractor”
  - ◆ Tom Campbell, Lead
- ◆ QualityNet Help Desk
  - ◆ Jim Holtz, Sr. Help Desk Manager – Tier I Help Desk
  - ◆ Gregory Salvato, Jr., PMP – Sr. Inquiry Support Mgr. – Tier III Help Desk

# Agenda



- ◆ Welcome
- ◆ Extensible Markup Language (XML)
- ◆ 2013 Self Nomination
- ◆ Questions and Answers

# Reminders



- ◆ Monthly Support Calls are mandatory for each GPRO
  - ◆ Slides from previous support calls are posted under the Downloads section on the CMS website in the zip titled “2012 Physician Quality Reporting CMS-Selected GPRO Training Materials”:  
<http://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/PQRS/CMS-Selected-Group-Practice-Reporting-Option.html>

# 2012 GPRO Extensible Markup Language (XML) Specifications

# Changes for 2012



- ◆ The 2012 XML Specifications reflect the changes for the 2012 Program Year
  - ◆ Updated to remove the retired measures and to add the new measures
  - ◆ Format was modified to simplify the hierarchical XML structure
  - ◆ The Electronic Health Record mapping was moved from the Support Documents

# Specs Are Not Yet Final



- ◆ The XML specifications provided are considered a DRAFT until the XML testing is complete
- ◆ No changes to the XML format or tags are planned
- ◆ Final XML Specifications will be posted on the CMS website after completion of testing

# Data Abstraction



- ◆ The GPRO Web Interface provides two methods for data abstraction
  - ◆ Manually entering the data for one patient at a time
  - ◆ Using an XML file to upload data for one or more patients
- ◆ The two methods may be used together if desired

# XML Data Export



- ◆ The pre-populated data can be exported at the beginning of the submission period or at any time during the submission period
- ◆ Exporting the data at the beginning of the submission period will provide information on all data that has been pre-filled for the sampled patients

# XML Data Export (cont.)



- ◆ The exported data can be used as input to GPRO created, custom programming to extract data from Electronic Health Records
- ◆ The exported Patient Ranking, Clinic, and Providers XML files can be imported into an Excel spreadsheet
- ◆ The Patient Discharge XML file cannot be imported into Excel

# XML Data Export (cont.)



- ◆ An Excel template was provided to allow import of the Patients XML files into an Excel spreadsheet
- ◆ The Excel spreadsheet template can be used to view the exported Patient data
- ◆ The Excel spreadsheet can be used to update the Patient data and create a Patient XML file for upload into the Web Interface

# XML Export Types



- ◆ Patient Ranking
- ◆ Patients
- ◆ Patient Discharge
- ◆ Providers
- ◆ Clinics

# Patient Ranking XML File



- ◆ Contains the list of patients in the selected modules
  - ◆ Medicare ID
  - ◆ First and Last Name
  - ◆ Gender
  - ◆ Date of Birth
  - ◆ Provider NPI
  - ◆ Rank in the modules where the patient is included in the sample

# Patients XML File



- ◆ Contains the list of patients in the selected modules
  - ◆ Medicare ID
  - ◆ First and Last Name
  - ◆ Gender
  - ◆ Date of Birth
  - ◆ Medical Record Number
  - ◆ Other Identifier
  - ◆ Provider NPI

# Patients XML File (cont.)



- ◆ Contains the list of patients in the selected modules
  - ◆ Clinic ID (GPRO Web Interface generated identifier)
  - ◆ Abstraction Date
  - ◆ General Comments
  - ◆ Patient's rank in the selected modules
  - ◆ Confirmation and measure components for the selected modules
  - ◆ Module specific comments

# Patient Discharge XML File



- ◆ Contains the list of patients in the CARE-1 module
  - ◆ Medicare ID
  - ◆ Patient's Rank in the CARE-1 module
  - ◆ Module confirmation
  - ◆ Discharge dates and medication reconciliation components

# Providers XML File



- ◆ Contains the list of providers
  - ◆ Provider's National Provider Identifier (NPI)
  - ◆ Provider First and Last Name
  - ◆ Provider's Employer Identification Number (EIN), which defaults to the GPRO's Taxpayer Identification Number (TIN)
  - ◆ Provider's credentials
  - ◆ Indicator if the provider was pre-populated or was added using the Web Interface

# Clinics XML File



- ◆ Contains the list of clinics
  - ◆ System generated clinic identifier
  - ◆ Clinic Name
  - ◆ Clinic's address
  - ◆ Indicator if the clinic was pre-populated or was added using the Web Interface
- ◆ The system generated clinic identifier is created by the GPRO Web Interface and is used in the Patients XML file

# Export Data Screen



## GPRO Web Interface

Home Reports ▾ Export Data Upload Data Add/Edit ▾ Locked Records List Users Submit Preferences Help

### Export Data ?

\* Export Data Set Patient Ranking ▾

Note: When Patient Ranking or Patients option is selected from the Export Data Set drop-down, at least one module needs to be checked in Export Patients In Module(s) checkbox list below.

- \* Export Patients In Module(s):
- CARE-1: Medication Reconciliation
  - CARE-2: Falls
  - COPD: Chronic Obstructive Pulmonary Disease
  - CAD: Coronary Artery Disease
  - DM: Diabetes Mellitus
  - HF: Heart Failure
  - HTN: Hypertension
  - IVD: Ischemic Vascular Disease
  - PREV-5: Screening Mammography
  - PREV-6: Colorectal Cancer Screening
  - PREV-7: Influenza Immunization
  - PREV-8: Pneumonia Vaccination
  - PREV-9: BMI Screening and Follow-Up
  - PREV-10: Tobacco Use: Screening and Cessation Intervention
  - PREV-11: Screening for High Blood Pressure

[Generate XML](#)

\* Required field

### Export Data Results Refresh ?

Date	User ID	File Name	Status	Comments
11/12/2012 04:07PM	CLAZ294	Patients.xml	Request Received	HTN
11/12/2012 04:05PM	CLAZ294	Patients.xml	Complete	CARE-1,CARE-2,COPD,IVD
11/12/2012 04:02PM	CLAZ294	Patients.xml	Complete	IVD
11/12/2012 04:02PM	CLAZ294	Patients.xml	Complete	IVD
11/05/2012 02:26PM	BOUA762	Patients.xml	Complete	CARE-2,COPD
11/05/2012 02:26PM	BOUA762	Patients.xml	Complete	CARE-2,COPD

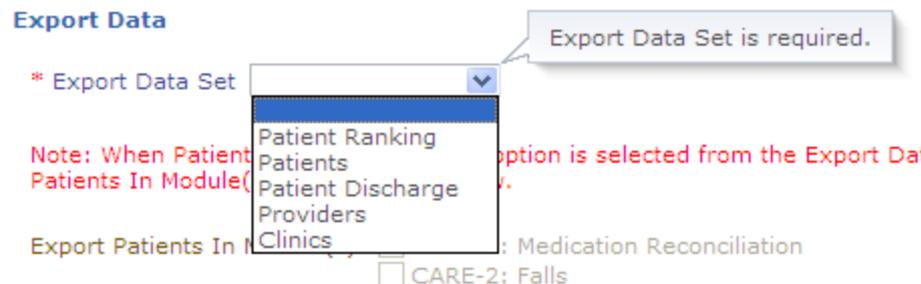
# Export Processing

- ◆ Select the Export Data option on the Global Navigation

## GPRO Web Interface



- ◆ Select the type of file to be exported in the pulldown menu for Export Data Set



# Export Processing (cont.)



- ◆ Select the checkbox for one or more modules in the Export Patients In Module(s) selection
  - ◆ The checkboxes are available for selection when the file type is Patient Ranking or Patients

## Export Data

\* Export Data Set Patient Ranking ▼

Note: When Patient Ranking or Patients option is selected from the Export Data Set drop-down, at least one module needs to be checked in Export Patients In Module(s) checkbox list below.

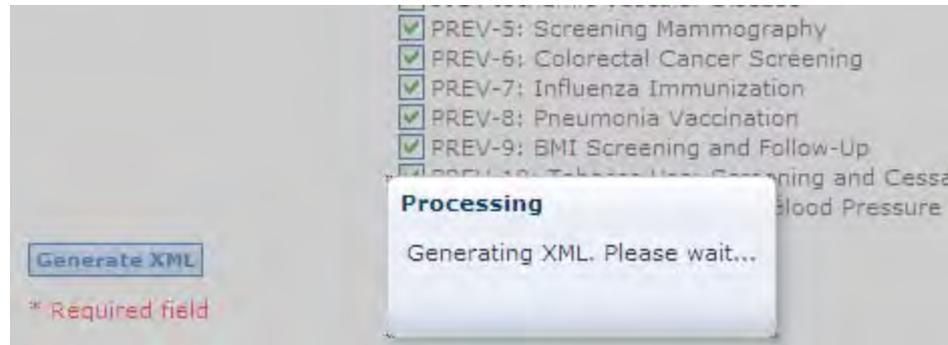
- \* Export Patients In Module(s):
- CARE-1: Medication Reconciliation
  - CARE-2: Falls
  - COPD: Chronic Obstructive Pulmonary Disease
  - CAD: Coronary Artery Disease
  - DM: Diabetes Mellitus
  - HF: Heart Failure
  - HTN: Hypertension
  - IVD: Ischemic Vascular Disease
  - PREV-5: Screening Mammography
  - PREV-6: Colorectal Cancer Screening
  - PREV-7: Influenza Immunization
  - PREV-8: Pneumonia Vaccination
  - PREV-9: BMI Screening and Follow-Up
  - PREV-10: Tobacco Use: Screening and Cessation Intervention
  - PREV-11: Screening for High Blood Pressure

Generate XML

\* Required field

# Export Processing (cont.)

- ◆ Select the Generate XML button
- ◆ Confirmation of the request will be displayed



- ◆ The request to generate the XML file is sent to the database and the table is updated with the status of the file generation

# Export Processing (cont.)



- ◆ The table on the Export Data page will provide information on the current and prior file requests
  - ◆ Date and time of the file generation request
  - ◆ IACS ID of the user generating the file
  - ◆ File name, which reflects the Export Data Set type
  - ◆ Status of the file generation
  - ◆ Comments, which contains the list of modules selected
- ◆ The Refresh button updates the list and the status of the current file generation request

# Export Processing (cont.)



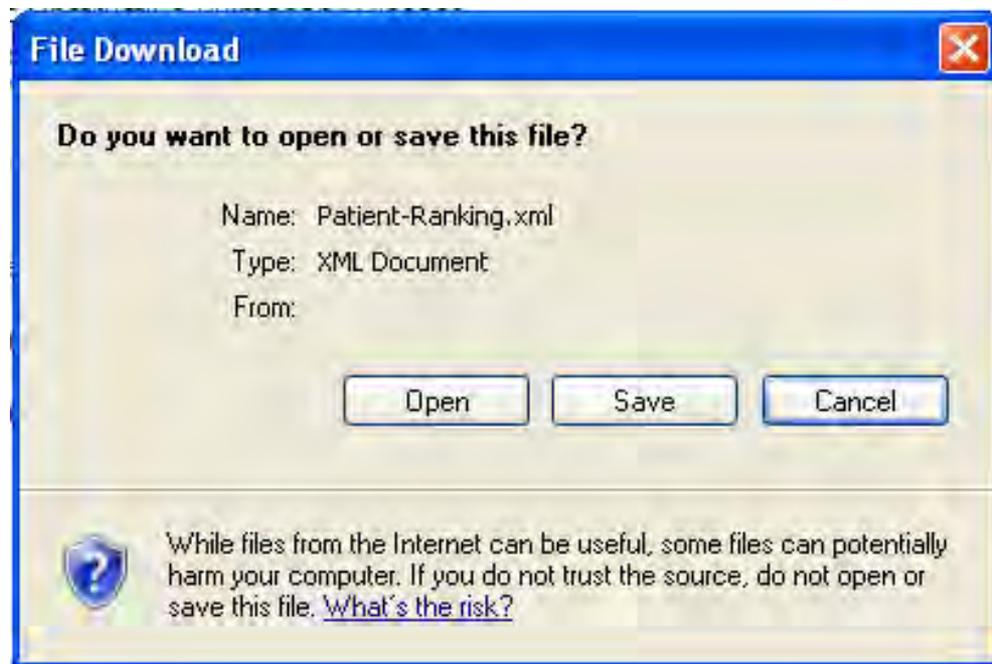
- ◆ When the status of the file is “Complete”, the file name is a hyperlink that can be used to download the XML file

## Export Data Results

Date	User ID	File Name	Status	Comments
11/16/2012 02:22PM	JEEA579	<a href="#">Patient-Ranking.xml</a>	Complete	CARE-1,CARI 5,PREV-6,PRE
11/16/2012 02:22PM	JEEA579	Patient-Ranking.xml	Complete	CARE-1,CARI 5,PREV-6,PRE

# Export Processing (cont.)

- ◆ Selecting the hyperlink will open the Windows File Download popup to save or open the file



# Processing XML Files



- ◆ The file can be viewed as an XML file using Internet Explorer, which will open the file as read only
- ◆ The file can be viewed and modified as an XML file using free text editors such as Notepad, WordPad, or PSPad
- ◆ The file can be viewed and modified as an XML file using XML proprietary editors
- ◆ The file can be used as input into GPRO developed software to create XML files

# Processing XML Files (cont.)



- ◆ The XML files may be imported into Microsoft Excel using the Excel templates provided with the XML specifications
- ◆ The Excel templates may be used to read the exported data
- ◆ The Excel templates may be used to update the exported data and to create the XML files, which can be uploaded into the Web Interface

# Excel Templates

- ◆ The Excel templates use the XML Schema Definition (XSD)
  - ◆ The Excel screenshots are using Excel 2007, but Excel 2003 may also be used
- ◆ The Developer Tab in Excel is used to import the XML files from the Web Interface and to create XML files using the data in the spreadsheet



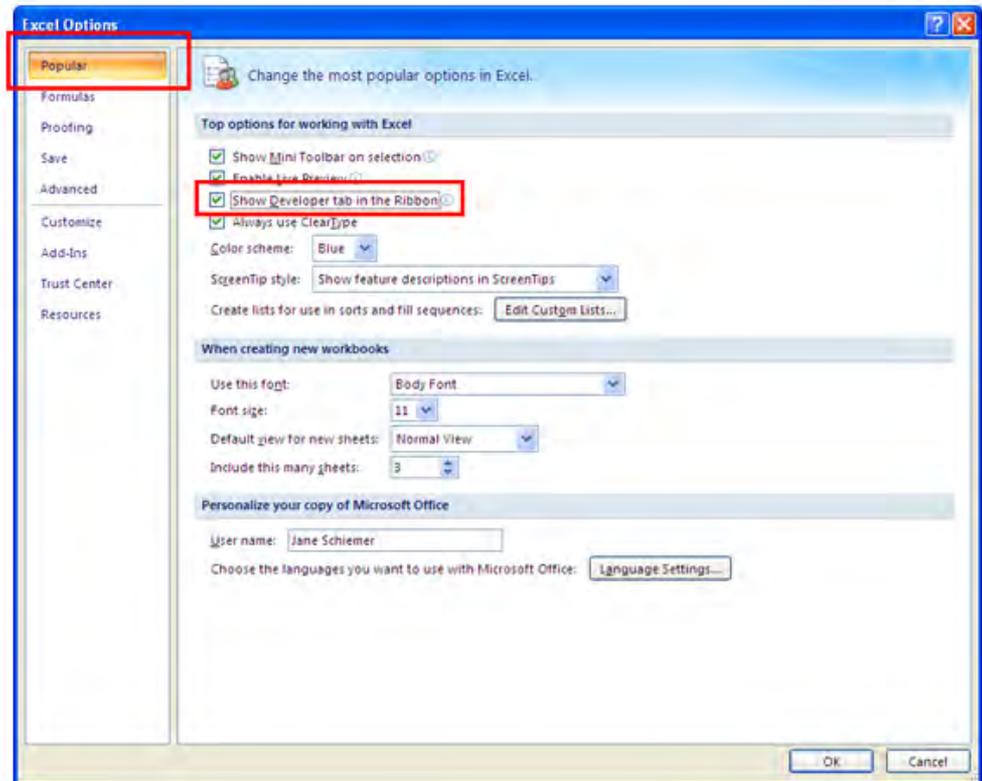
# Excel Templates (cont.)

- ◆ If the Developer tab is not shown, it can be added using the following steps, which are also available in Microsoft Excel Help
- ◆ Select the Microsoft Office button
- ◆ Select Excel Options



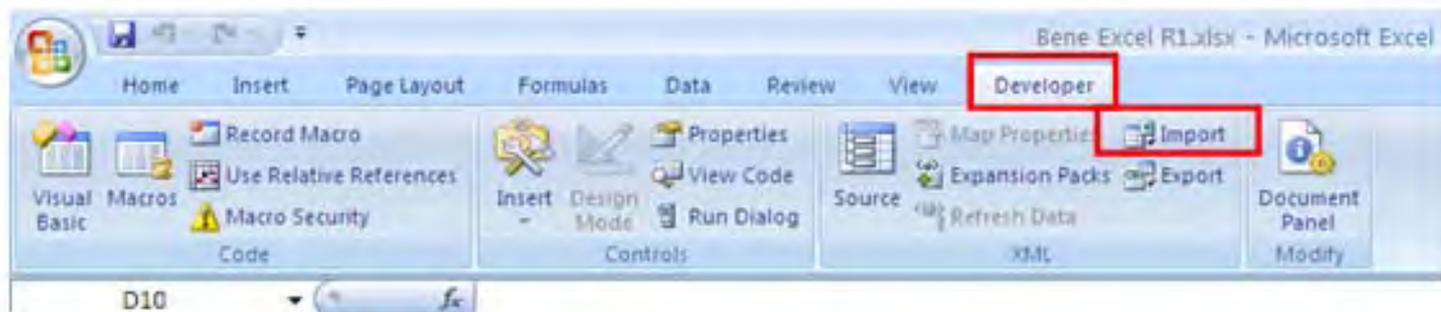
# Excel Templates (cont.)

- ◆ Select Popular
- ◆ Select Show Developer tab in Ribbon



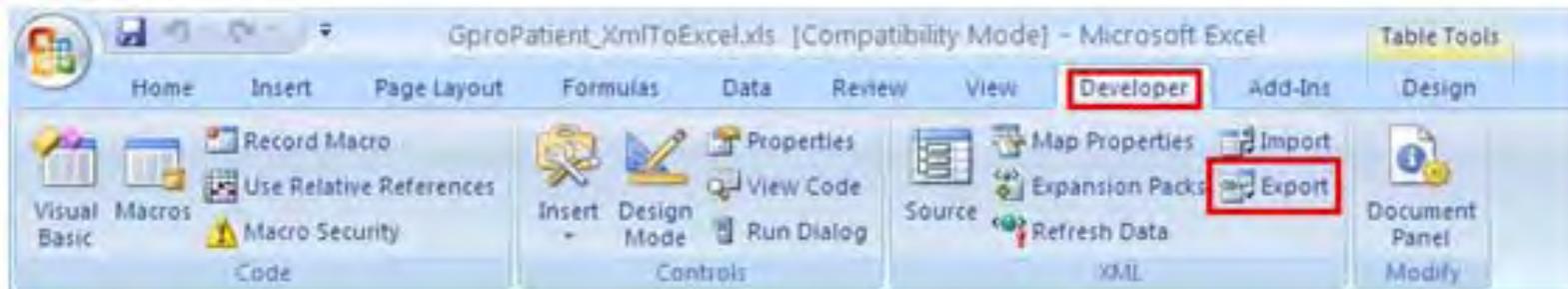
# Excel Templates (cont.)

- ◆ Open the Excel template for the XML file type to be imported
- ◆ Select the Developer tab
- ◆ Select Import
- ◆ Select the file to be imported



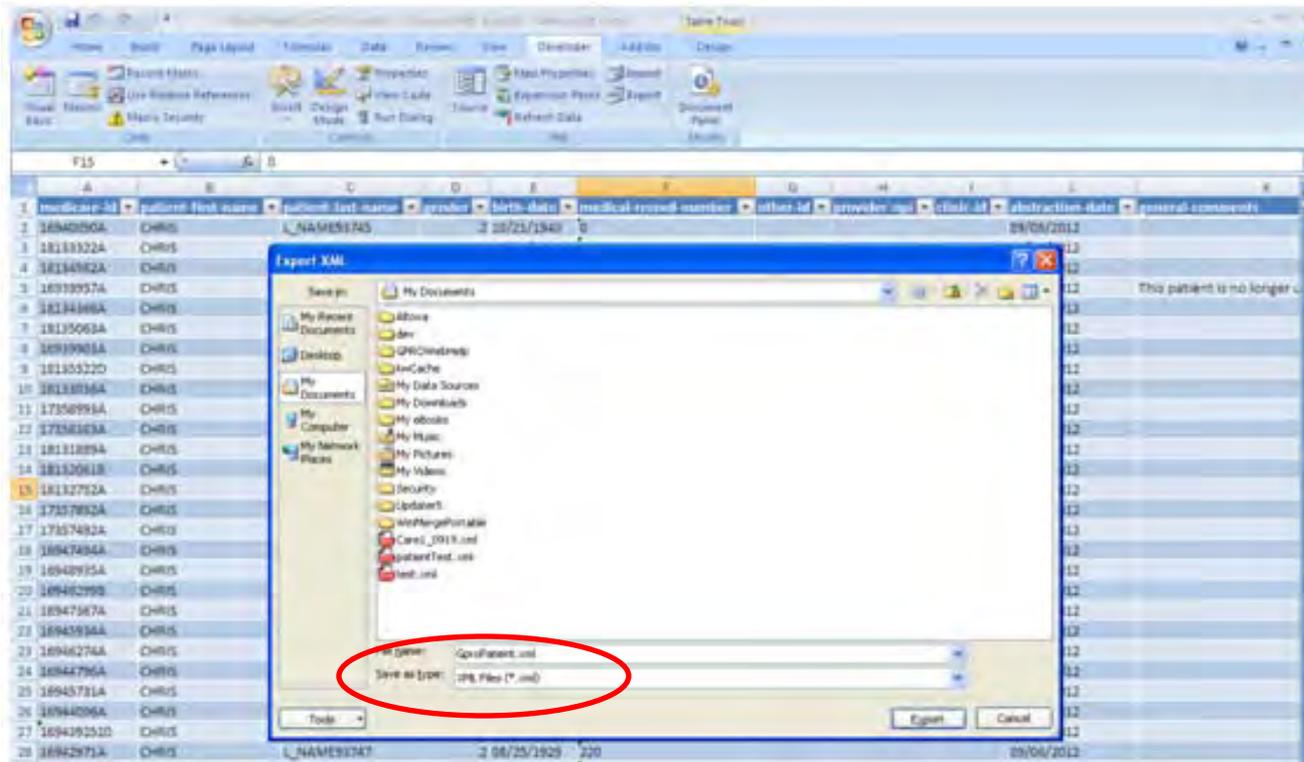
# Excel Templates (cont.)

- ◆ After editing the data in the Excel file, it may be exported to the XML format to be uploaded into the Web Interface
- ◆ Select Export on the Developer tab



# Excel Templates (cont.)

◆ Select XML as the file type to be saved

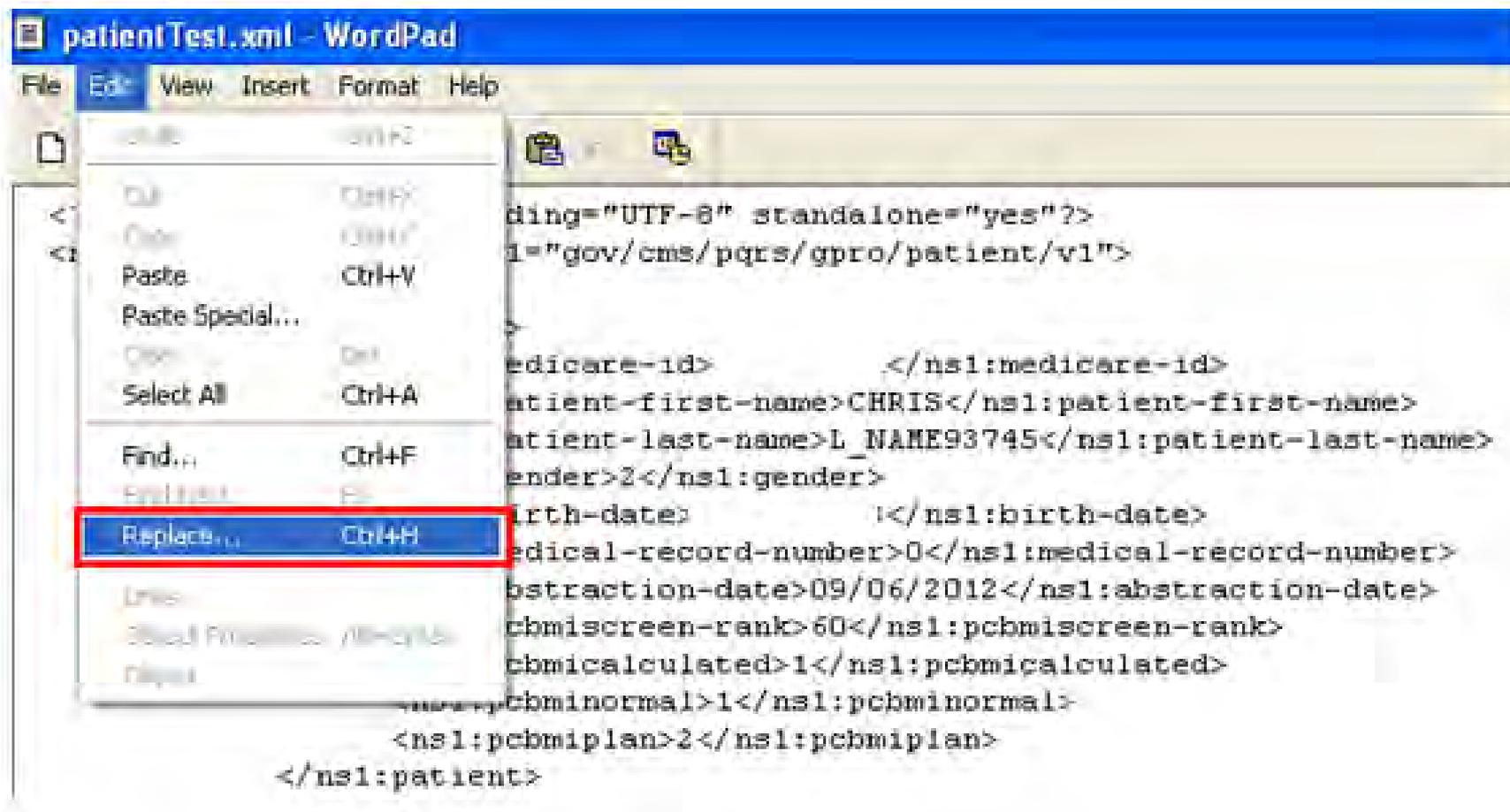


# Excel Templates (cont.)



- ◆ The Excel export adds a default Target Name Space (TNS) to the tags and a default header
- ◆ The TNS addition to the tag, “ns1:”, must be removed from the XML tags before uploading the file in the Web Interface
- ◆ The TNS can be removed with a text editor, such as WordPad, using find and replace

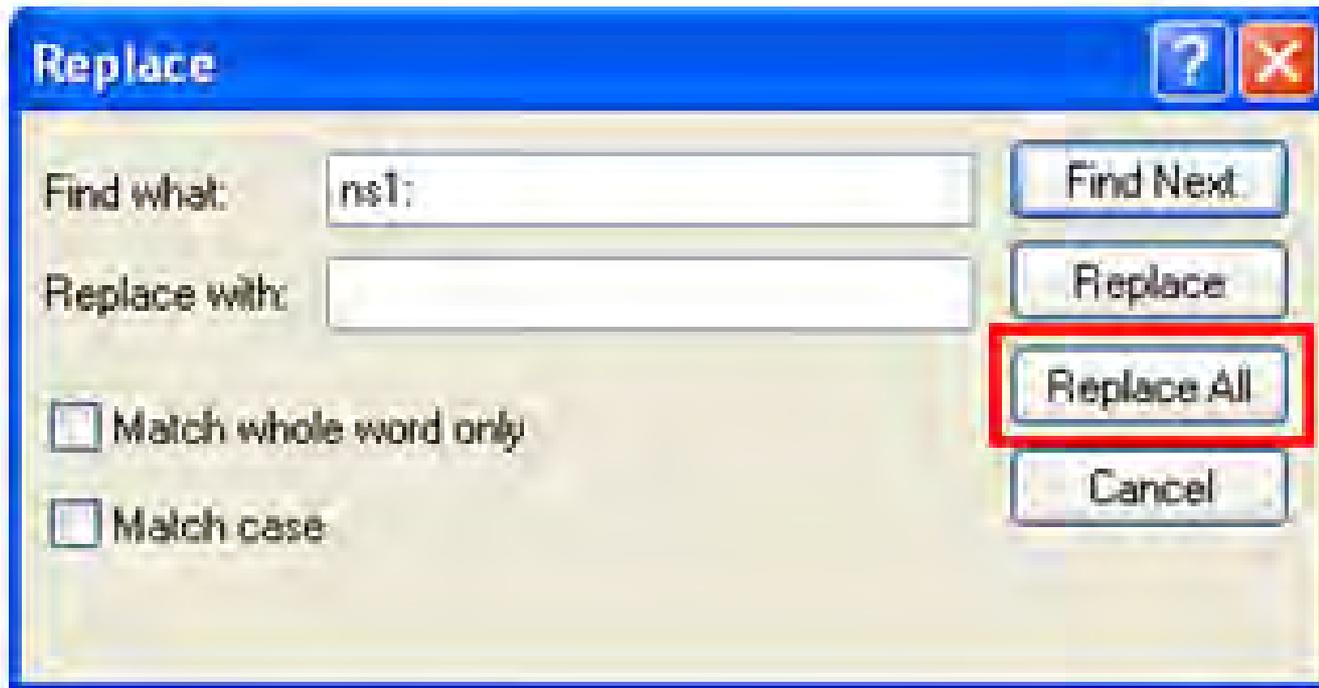
# Excel Templates (cont.)



The screenshot shows a WordPad window titled "patientTest.xml - WordPad". The menu bar includes File, Edit, View, Insert, Format, and Help. The Edit menu is open, showing options like Cut, Copy, Paste, Paste Special, Delete, Select All, Find, Find Next, Replace, Lines, Show Properties, and Repeat. The "Replace" option is highlighted with a red rectangle. The main text area contains XML code for a patient record, including fields for first name, last name, gender, birth date, medical record number, abstraction date, pcbmiscreen-rank, pcbmicalculated, and pcbminormal.

```
<?xml encoding="UTF-8" standalone="yes"?>
<ns1:patient xmlns:ns1="gov/cms/pqrs/gpro/patient/v1">
  <ns1:medicare-id>                </ns1:medicare-id>
  <ns1:patient-first-name>CHRIS</ns1:patient-first-name>
  <ns1:patient-last-name>L_NAME93745</ns1:patient-last-name>
  <ns1:gender>2</ns1:gender>
  <ns1:birth-date>                </ns1:birth-date>
  <ns1:medical-record-number>0</ns1:medical-record-number>
  <ns1:abstraction-date>09/06/2012</ns1:abstraction-date>
  <ns1:pcbmiscreen-rank>60</ns1:pcbmiscreen-rank>
  <ns1:pcbmicalculated>1</ns1:pcbmicalculated>
  <ns1:pcbminormal>1</ns1:pcbminormal>
  <ns1:pcbmiplan>2</ns1:pcbmiplan>
</ns1:patient>
```

# Excel Templates (cont.)



# Excel Templates (cont.)



- ◆ The first two lines in the XML file generated by Excel must be replaced with the appropriate header provided in the XML specifications
  - ◆ Files that do not have the TNS removed or do not have the appropriate header will be rejected as having an invalid format when they are uploaded
  - ◆ Full instructions on the appropriate replacements are included in the XML specifications

# Upload Data Screen



## GPRO Web Interface

Home Reports ▾ Export Data Upload Data Add/Edit ▾ Locked Records List Users Submit Preferences Help

### Upload Data ?

\* Upload Data Set  ▾

Note: No other users should be using the database while data is being uploaded.

\* Source File

Note: The name of the file can not exceed 35 characters.

\* Required field

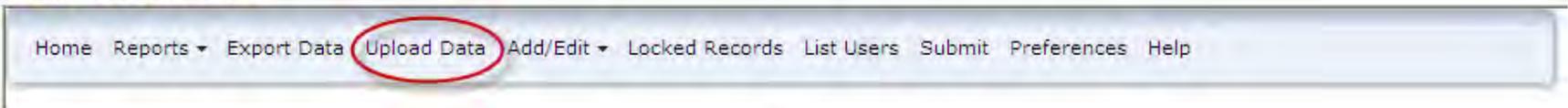
### Upload Data Results Refresh ?

Date	User ID	File Name	File Type	Status
11/13/2012 04:01PM	CLAZ294	patients_htn.xml	Patient	Request Received
11/05/2012 02:34PM	BOUA762	patients.xml	Patient	Upload Successful

# Upload Processing

- ◆ Select the Upload Data option on the Global Navigation

## GPRO Web Interface



- ◆ Select the type of file to be uploaded in the pulldown menu for Export Data Set

## Upload Data

\* Upload Data Set

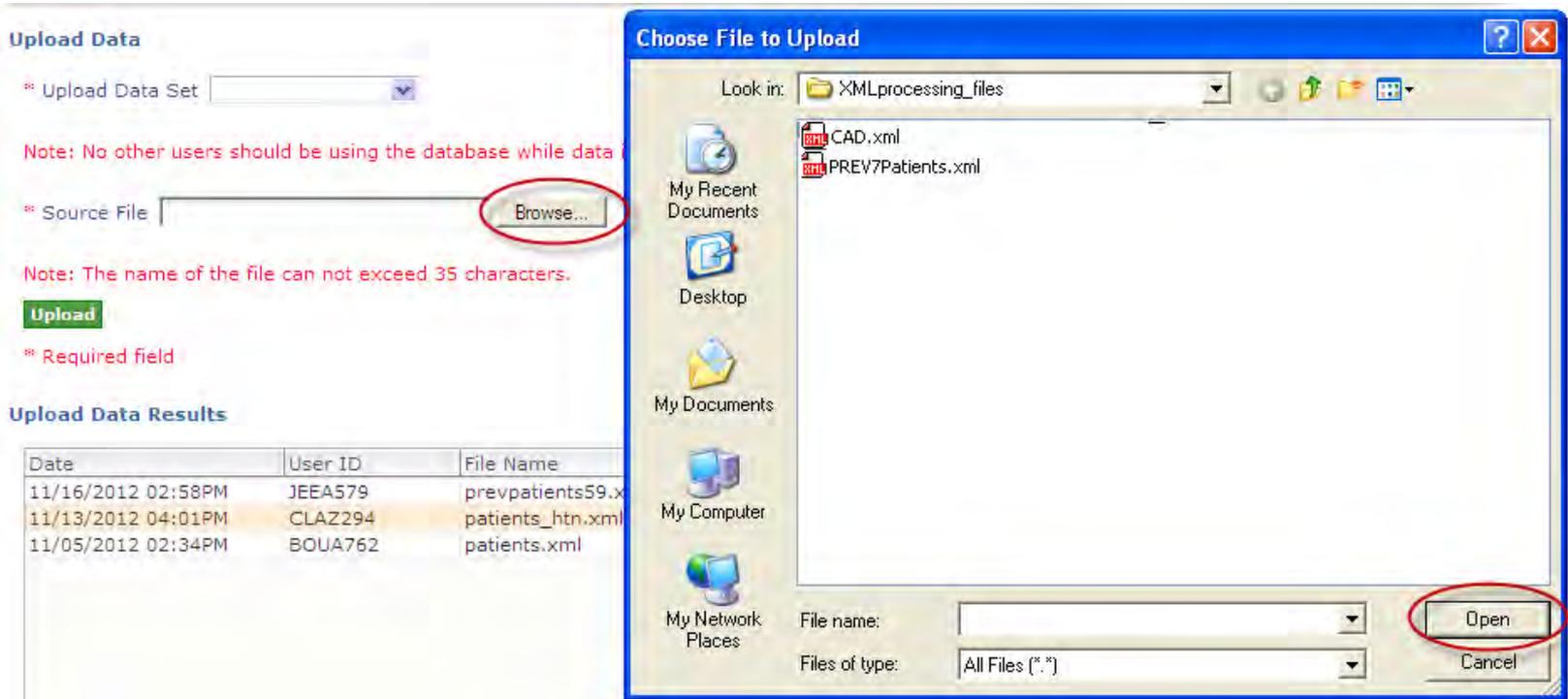
- Patients
- Patient Discharge

Upload Data Set

Note: No other user database while data is being uploaded.

# Upload Processing (cont.)

- ◆ Select the Browse button to open the Windows file selector and chose the file to upload



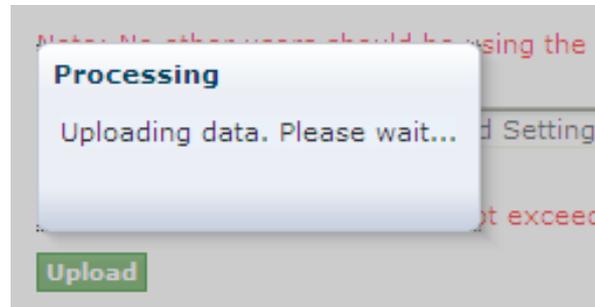
The screenshot shows the 'Upload Data' web interface on the left and a 'Choose File to Upload' dialog box on the right. The 'Upload Data' interface includes a dropdown for 'Upload Data Set', a 'Source File' field with a 'Browse...' button circled in red, and an 'Upload' button. Below it is a table of 'Upload Data Results'.

Date	User ID	File Name
11/16/2012 02:58PM	JEEA579	prevpatients59.x
11/13/2012 04:01PM	CLAZ294	patients_htn.xml
11/05/2012 02:34PM	BOUA762	patients.xml

The 'Choose File to Upload' dialog box shows the 'Look in:' path as 'XMLprocessing\_files' and lists two files: 'CAD.xml' and 'PREV7Patients.xml'. The 'Open' button is circled in red.

# Upload Processing (cont.)

- ◆ Select the Upload button
- ◆ Confirmation of the request will be displayed



- ◆ The request to upload the XML file is sent to the database and the table is updated with the status of the file submission

# Upload Processing (cont.)



- ◆ The table on the Upload Data page will provide information on the current and prior file uploads
  - ◆ Date and time of the file upload
  - ◆ IACS ID of the user uploading the file
  - ◆ User provided name for the uploaded file
  - ◆ File type – Patient or Patient Discharge
  - ◆ Status of the upload processing
- ◆ The Refresh button updates the list and the status of the current file processing

# Upload Processing (cont.)



- ◆ If there are errors in the XML file, the text in the Status column will be a hyperlink, which can be selected to display the associated errors
- ◆ Up to 50 errors will be displayed in a grid with the line number of the error, the error code, and a description of the error
- ◆ The error codes are detailed in the XML Specs
- ◆ If there are no errors, the text in the Status column will be read-only text

# Software Reminders



- ◆ Your group must be running Internet Explorer 8
  - ◆ You will need to enable native XMLHTTP support as an Internet Option in Internet Explorer 8
- ◆ The Excel template provided has been tested with Excel 2003 and Excel 2007
- ◆ CMS conducts system maintenance approximately one weekend per month
  - ◆ You will experience system outages during these “maintenance weekends”

# 2013 Self Nomination

# 2013 GPRO Self-nomination



- ◆ If you want to participate in **1) PQRS GPRO only** or **2) both PQRS GPRO and eRx GPRO**, you can self-nominate via the Communication Support Page (CSP) at <http://pqrs.qualitynet.org>.
  - ◆ GPROs can self-nominate starting 12/1/12 through 1/31/13
- ◆ GPROs may also utilize a second timeframe (summer 2013-October 15, 2013) to register for PQRS GPRO or make changes to their previous self-nomination reporting choices
  - ◆ During this second timeframe, GPROs will not go through the communication support page to update their self-nomination information. Rather, CMS is planning a separate system to accommodate the second timeframe. CMS will update GPROs on the URL for this system when it becomes available.
- ◆ Educational products will soon be available on the CMS website explaining the registration criteria and reporting option choices for the 2013 program year
- ◆ You will need an IACS account to use the CSP
  - ◆ Please refer to the October support call slides for more information on IACS

# 2013 eRx GPRO Only



- ◆ Unlike previous years, you do not need to participate in PQRS GPRO in order to participate in eRx GPRO
- ◆ If you want to participate only in eRx GPRO, you cannot self-nominate through the CSP
  - ◆ Send a self-nomination email to [PQRS\\_Vetting@mathematica-mpr.com](mailto:PQRS_Vetting@mathematica-mpr.com)
  - ◆ A sample is posted in the 2013 GPRO requirements document on the CMS website
  - ◆ Please do not email your TIN

# Question and Answer Session

# If You Still Have Questions...



## ◆ QualityNet Help Desk

- ◆ Monday – Friday: 7:00 am - 7:00 pm CT
  - ◆ E-mail: [qnetsupport@sdps.org](mailto:qnetsupport@sdps.org)
  - ◆ Phone: (866) 288-8912 (TTY 1-877-715-6222)
  - ◆ Fax: (888) 329-7377
- ◆ When calling the QualityNet Help Desk, please identify yourself as a 2012 GPRO participant
- ◆ Tickets may be escalated to the appropriate Tier in order to assist you