


Enhancing Florida's Cancer Surveillance and Registry Data: Implementation of Physician Office Data Capture

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Today's Webinar

- ▶ Audience: Medical Oncologists, Hematologic Oncologists, and Urologists **office staff**
- ▶ Cancer Surveillance in Florida
- ▶ Role of Florida Cancer Data System
 - Existing data capture model
 - New data capture model
- ▶ Getting started
 - Registration
 - Data Submission
- ▶ Questions


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Florida Cancer Data System Background

- ▶ Legislatively Mandated – 1978
 - DOH was mandated to collect health information on all cancers diagnosed and treated in the state and enforce compliance
- ▶ Statewide, Population-Based, Incidence

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Reporting Legislation

Florida Statute 385.202 provides for the establishment of a statewide cancer surveillance system

- Facility Reporting covered under
 - Florida Statute 395 – Hospitals
 - Florida Statute 408.07 – Radiation therapy centers
- Physician Reporting covered under
 - Florida Statute 391
 - Florida Statute 483
 - Rule 64D3

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Florida Cancer Data System

- ▶ Incidence Only
 - Snapshot of patient/cancer at time of diagnosis and first course of therapy
- ▶ Annual data submission (100% electronic)
 - 185,000 Cancer Records
 - ~ 115,000 Incidence
 - 150,000 Death Records
 - ~ 500,000 Inpatient Discharge Records
 - ~ 500,000 Outpatient/Ambi Surgery discharge
 - Over 1 million pathology records

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HIPAA and Data Security

- | | |
|---|---|
| <ul style="list-style-type: none">▶ FCDS is legislatively mandated public health surveillance<ul style="list-style-type: none">◦ Exempt from the data release provisions in HIPAA▶ No patient Release of Information is necessary | <ul style="list-style-type: none">▶ Data transfer using state of the art web-based secure and encrypted transfer protocols▶ Encrypted database▶ Database behind 2 firewalls |
|---|---|

No HIPAA Issues

Data Security

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Current Facility-Based Procedures (Hospitals, RT and Amb Surgical facilities)

- ▶ A professional abstractor completes a full and complete abstract on each cancer patient
 - Using nationally prescribed standards and codes
 - Take approximately 30-60 minutes to complete

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Cancer Dx/Management Model is Changing

- ▶ The diagnosis and management of cancer has evolved and no longer fits the model implemented in the late 1970's when FCDS designed the data collection structure
 - Diagnosis and treatment of many cancers shift from the hospital to the private practitioner's office

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Cancer Dx/Management Model is Changing

- ▶ As more and more cancer patients become cancer survivors, more information is needed by the medical community to improve the quality of life for our cancer survivors
- ▶ Survival is no longer the only salient endpoint

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Ramifications of old Model on Cancer Surveillance

- ▶ Underestimates of the incidence of certain cancers
 - Diagnosis/treatment taking place outside hospital
- ▶ Treatment incomplete
 - Not capturing the full first course of treatment
 - Specifically chemotherapy

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Ramifications of Under Reporting and Incomplete Data on the Cancer Patient

- ▶ Data used by policy makers
 - Misallocation of funds and services
 - Inability to identifying areas/subgroups in need
- ▶ Data used by researchers
 - Incorrect/ incomplete/misleading:
 - Sampling frame for patient studies
 - Data for hypothesis driven research
 - Trends over time

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Overview of the New Model

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Integrating/Consolidating Data from Multiple Sources

- ▶ Hospitals
- ▶ Ambulatory Surgery Centers
- ▶ Radiation Therapy Centers
- ▶ Pathology laboratories
- ▶ Mortality

- ▶ Physician offices
 - Diagnosing or treating cancer

Result: a more complete picture

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Impact on Physician Office

- ▶ Minimal operation/financial impact

- ▶ 100% electronic submission – No paper forms to complete

- ▶ Two reporting Options
 - 1) Electronic using existing data or
 - 2) Single entry

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Physician Office Reporting Option 1

- ▶ Electronic submission of existing data
 - Medical insurance claims data
 - National standard record layout currently used by private practitioners through the state and nation
 - Patient demographic data
 - Procedure data with dates
 - Granular level treatment data
 - Omit any financial data
 - Filter on list of ICD-9 cancer diagnoses

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Physician Office Reporting Using Medical Claims Data

- ▶ Data submitted to FCDS at the same time physician's normal insurance submission
- ▶ Using existing insurance industry standard record layout (837 record v5010)
 - NO FINANCIAL DATA

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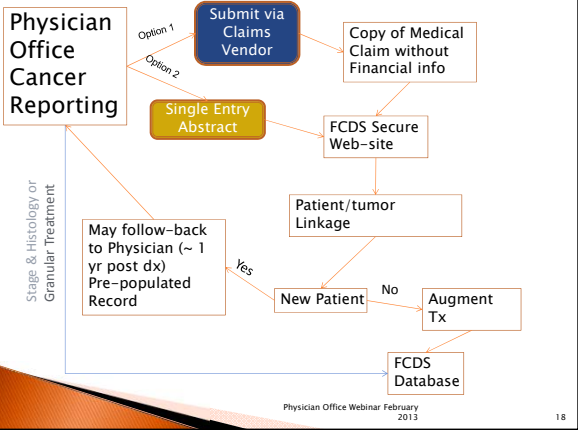
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Physician Office Reporting Option 2

- ▶ Single entry into web-based reporting module
- ▶ Using medical claims elements
 - No professional abstractor necessary
 - Any office staff member can input data

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Why Use Medical Insurance Claim Elements

- ▶ Established national standard
 - Data submission and data elements
- ▶ Can be made compatible with cancer surveillance standards
 - Crosswalk/derive treatment/procedure codes to cancer registry codes
 - Anti-neoplastic agents, RT, Hormones
 - Ancillary therapies to enhance chemo tolerance

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Physician Reporting Specific Aims

- ▶ Operationalize the transfer of data using a national standard to virtually eliminate the private physician reporting burden
- ▶ FL cancer surveillance enhancement priorities
 - Identify missed case (physician office only cases)
 - Enhance treatment data
 - First course
 - Subsequent treatment
 - Active date of last contact

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Pilot Tested Methodology

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Pilot Test

- ▶ Florida Cancer Specialists
 - Dr. Scott Tetreault
 - Mr. Todd Schonherz
- Claims vendor: Unlimited Systems
 - Brian Glockerman

Special Thanks for their Outstanding Support and Assistance

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Florida Cancer Specialists: Pilot Test Overview

- ▶ Unlimited Systems – Claims processing
 - Upload via SFTP
 - Interval set by Unlimited Systems
- ▶ Nationally standard electronic insurance submission
 - The 837 record in a 5010 version
 - Every insurance claim in the nation is submitted using this record and layout

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FCS Pilot Test – Overview

- Data uploads began in July 2012
- ~ 3.7 million rows of data submitted
 - Last quarter 2011 – present
 - Relational database – patient, diagnosis, procedures
- Received via SFTP – parsed into FCDS database
 - Translation, consolidation and analysis software developed

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Case Identification using Florida Cancer Specialists Data

- ▶ 29% missed cases
- ▶ Distribution of missed cases not random
 - ~ 15% leuk/lymph
 - ~ 10% myelodysplastic syndrome
 - ~ 11% GYN and prostate

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Case Augmentation using Florida Cancer Specialists Data

- ▶ 71% match rate at patient/tumor level
- ▶ Augmented date of last contact and treatment data on 100% of cases

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Physician/Practice Benefits

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Immediate: Follow-up Requests

- ▶ Physician office will **no longer need** to provide annual patient follow-up requests to ACoS hospitals
- ▶ Resulting in saving private practitioners time and money
 - FCDS will provide the date of last contact to hospital-based cancer registries
 - Date of last contact and treatment only
- ▶ Estimated savings to practice in staff time ~ .25 FTE

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FCDS/Physician Partnership

- ▶ Work with physicians to identify and automate critical quality measures specific to oncology practices
 - Estimated cost savings to physician office
- ▶ FCDS will combine multiple data streams to provide most of the physician/practice specific data items utilizing the FCDS files:
 - Claims data
 - Statewide Registry
 - Histopathology reports
 - Clinical pathology test results

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Getting Started

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Phased Approach

- ▶ Phase 1: Physician registration
 - Using Physician Personal Identifier (PPID) located in the top right of the DOH letter, access Physician registration page and complete contact information and election of reporting option
 - If Option 1 – Electronic submission
 - If Option 2 – Single entry. Additional webinar necessary for office staff training and access to web-based form
- ▶ Phase 2: Reporting data

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Physician Office Registration

Using PPID on DOH Letter

- 1) Verify information
- 2) Assign contact person
- 3) Indicate MU2 plans

Option 1 – Electronic Submission

- Work with vendor
- Technical support to vendor
- Data standards
- System access
- Transmission admin

Option 2 – Single Entry


- Work with office staff
- Technical support to staff
- Create User Account
- Username/Password
- Data submission and standards

4) Select reporting option

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Fcds.med.miami.edu

To enter the Physician page click the Physicians tab on Menu bar or the green Physician Registration box



The Florida Cancer Data System (FCDS) is Florida's statewide population-based cancer registry and has been collecting incidence data since 1981 when it was contracted by the State of Florida Department of Health in 1978 to design and implement the registry. The University of Miami Miller School of Medicine has been maintaining FCDS (<http://fcds.med.miami.edu>) since that time.

The FCDS is wholly supported by the State of Florida Department of Health, the National Program of Cancer Registry (NPCR) of the Centers for Disease Control and Prevention (CDC), and the Sistrain Comprehensive Cancer Center at the University of Miami Miller School of Medicine.

Registration for Physician Cancer Reporting in Florida for Medical Oncology, Hematology, and Urology

Register for the 2013 FCDS Annual Conference July 25-28 in Summit, FL

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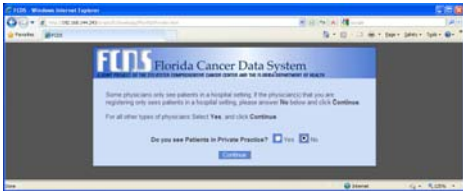
Physician Page



Buttons linking physician office personnel to appropriate material

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First Time entering the FCDS Physician Registration: Choose Physician Practice Type



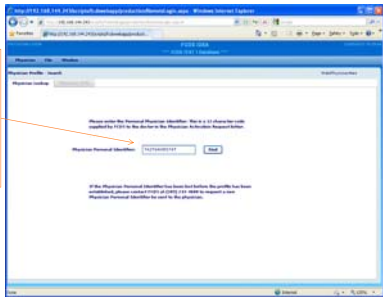
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Practice Type - Classify each Florida Physician

- ▶ Member (employee) of an institutional practice
 - Hospital
 - Medical School
 - Medical/Cancer Center
- ▶ Member of a private practice
 - Sees patients in a private office
 - May also see patients in institutional setting

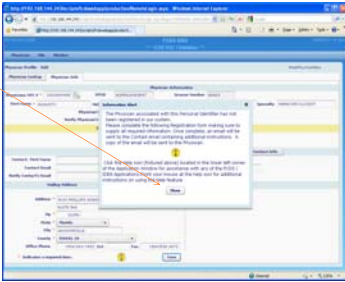
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Input the Physician Personal Identifier found on the top right of your DOH Letter. Please keep this number secure for future reference



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A message will appear the first time the Physician Info panel is displayed. Click the Close button to continue with registration.



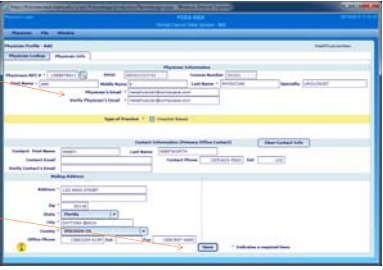
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Hospital Based Physician

(Data from DOH License Files merged with NPI Files)

Review everything. The only field the user is required to fill in is the Physician's email address.

If this is not the current mailing address for this physician please correct. Click the Save button at the bottom of the screen when all data has been entered

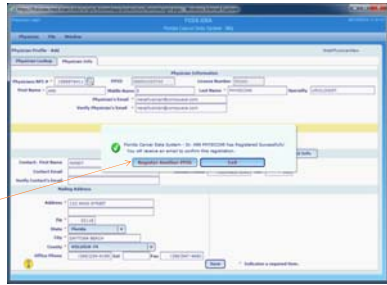


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Registration Confirmation Message

A confirmation message is displayed stating that Physician has been registered and an email sent.

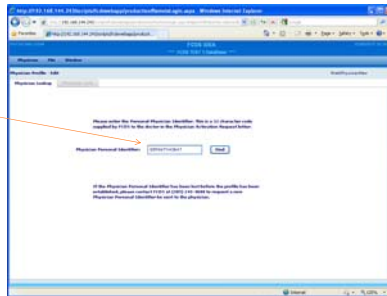
You may enter more physicians for this practice by clicking OK. If you are only registering one physician click Exit to leave the program.



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Entering Multiple Physicians

If you clicked OK you will be taken to the PPID entry screen. Input the PPID on the next Physician letter you received.

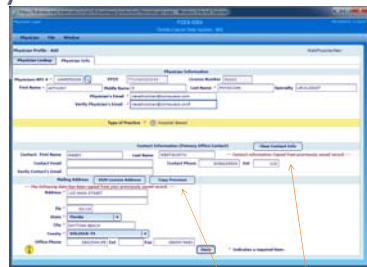


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Entering Same Contact Data for Multiple Physicians

The system keeps the previous information to make entry easier. The DOH license address is populated by default. If you want a new contact click Clear Contact Info. If you want to use the previous address click Copy Previous.

If you want to use a completely different address use the backspace key to erase



Clear information entered from previous screen.

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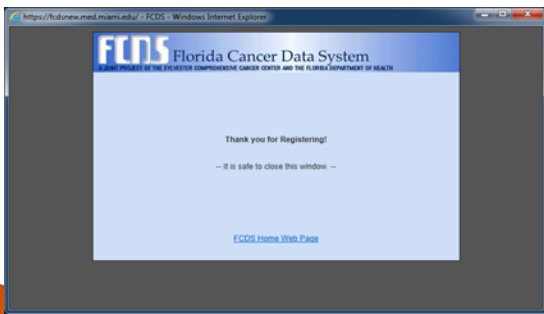
For Each new Physician Registered an e-mail is Sent to the Physician

The Physician Registration Confirmation email states that the Physician is registered as a Hospital Based Physician and that No Further Reporting is necessary.



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Final Screen



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For Physicians Only Seeing Patients in Hospital/Institutional Setting

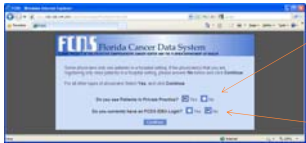
- ▶ NO FURTHER ACTION IS REQUIRED ON YOUR PART
 - We are already receiving your enhanced data through the facility
- ▶ Should your affiliation change, please update your profile
- ▶ Thank you for registering.

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Physicians that are a part of a Private Practice

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Private Practice Physician Registration and Creating FCDS IDEA User Account

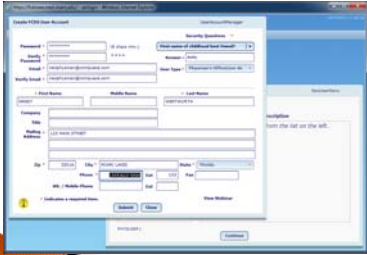


Please click the appropriate responses

In addition to registering the physician, your office will need to have an FCDS IDEA User Account. This launches the creation of the IDEA User Account

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FCDS IDEA: Create User Account - To be Completed by the Office Staff Responsible for Physician Reporting



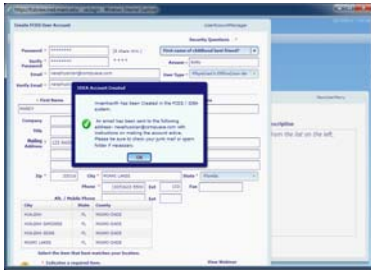
All fields with * are required fields.

Requires a valid e-mail.

E-mail addresses are unique may only be used once.

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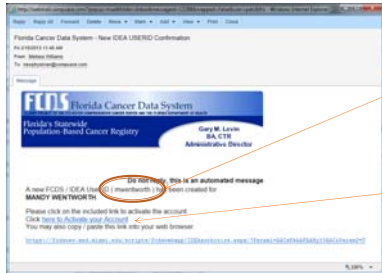
Completing your IDEA User Account Creation



An e-mail will be sent with your user name and instructions to activate your account.

Check 'Junk Mail' and put on 'Safe Sender' list

Sample of Activation e-mail



Username Assigned

Click link to enable user access to the FCDS system

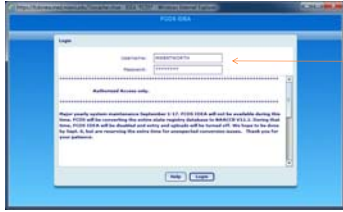
Confirming Activation



When the link (Click here to Activate your Account) is clicked, the following message will appear confirming the activation of you user.

To log into the FCDS IDEA system and begin registering physicians click the link (Click here to continue Physician's registration process).

Register Private Practice Physician(s) Office Contact

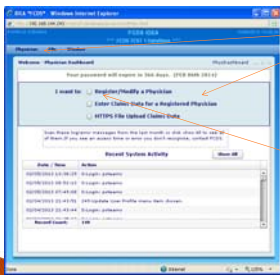


Using your user credentials login into the FCDS IDEA system

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Physician Office Dashboard: What do you want to do?



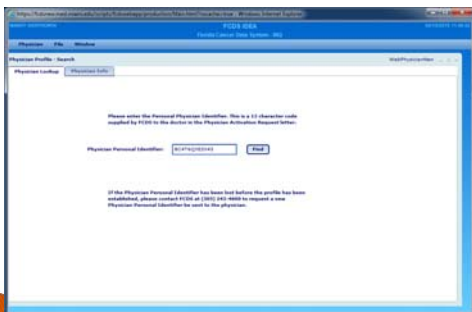
Choose from the list of options under the Physician Tab.

To Register a Physician click the radio button to the left of 'Register/Modify a Physician'

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Register Physician? Enter PPID received in the mail



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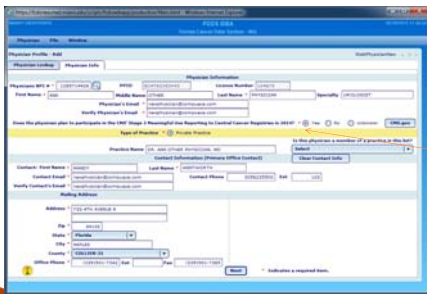
Confirming New Registration



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Private Practice Physician Registration



Same as Facility based physician with one additional question regarding Meaningful Use Stage 2

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Upon Completion of Physician Registration Select Data Transmission Method

- ▶ Electronic upload
 - Claims data
- ▶ Single entry

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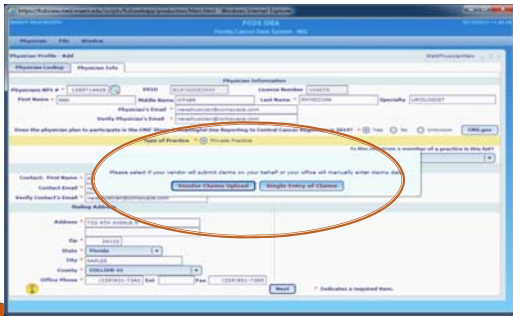
Data Transmission Methods

- ▶ Medical Claims submission
 - Work with your vendor for electronic submission of all cancer patient claims
 - Using insurance industry standard format (837 v5010)
 - Upload complete form FCDS 24/7
 - Will not import any financial information
- ▶ Web-based single entry
 - Submit medical claim elements for every cancer patient seen in the practice

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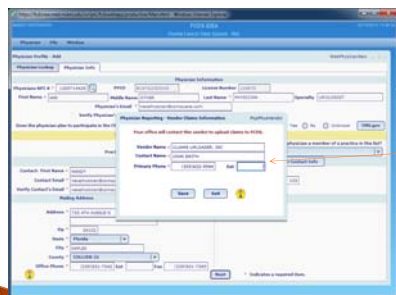
Select your Data Transmission Method



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If Vendor Claims Upload is Chosen Complete the Vendor Information

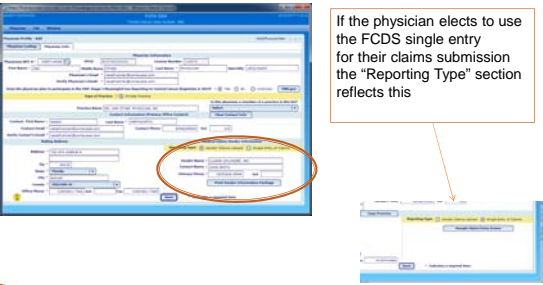


A Vendor information sheet is available in the Physician Data Reporting Manual that you may send to your claims software Vendor

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Vendor Information Added to Physician Registration



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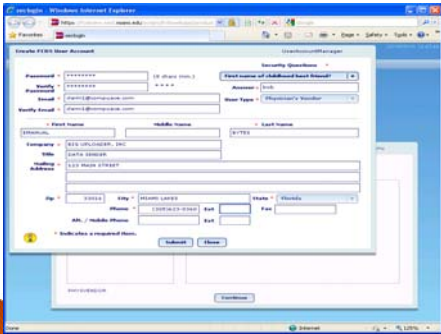
Claims Vendor Registration



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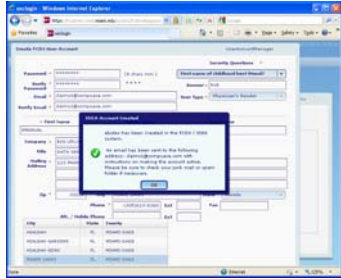
Claims Vendor Registration



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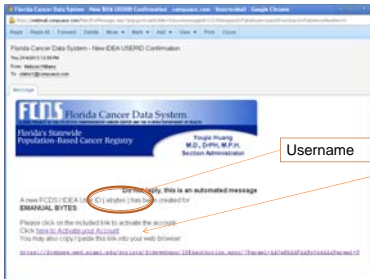
Create Confirmation e-mail



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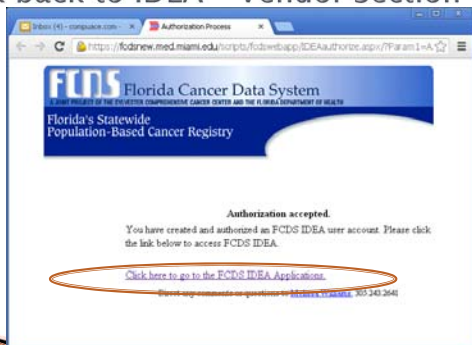
Activate Account



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Link back to IDEA - Vendor Section



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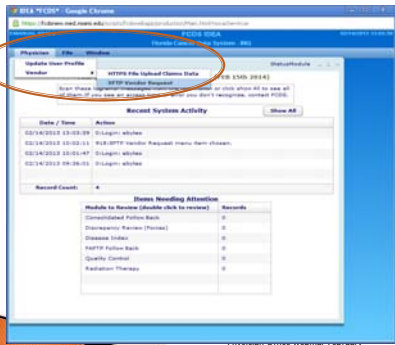
Log in: Username Supplied in e-mail; Password Generated by user



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Select Type of Upload



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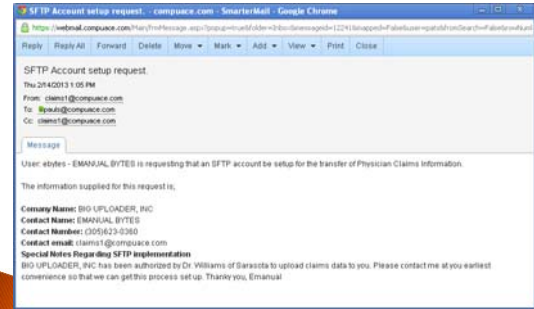
SFTP Data Transfer



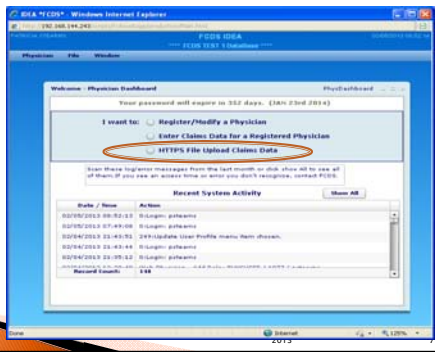
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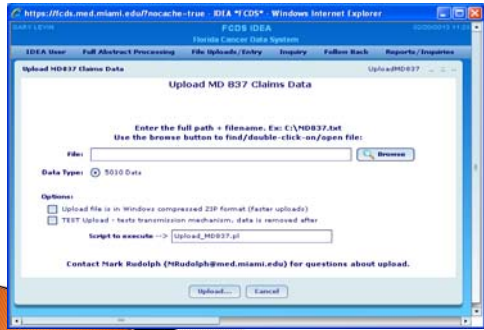
Vendor Generates e-mail to FCDS. FCDS will Contact Vendor for details



HTTPS Data Transfer



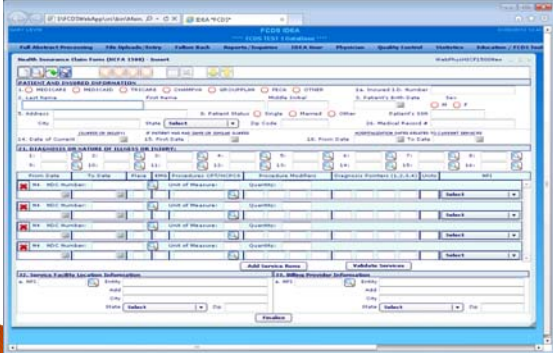
Browse to file; Select Options; click "Upload"



Single Entry

- ▶ Medical insurance claims elements
- ▶ Complete one form per patient seen in your practice
- ▶ No software to purchase
 - Data entry via FCDS web-based single entry module
- ▶ Any office member can complete the form

Single Entry - Form



Single Claims Entry

- ▶ A focused webinar to instruct the practice(s) how to complete the single entry form will be held by the end of April, 2013
- ▶ Florida Physicians' Cancer Reporting Manual 2013 is available on the FCDS Web site

Registration, Compliance and Data Submission Information

Please direct questions to:

Michael Thiry
Manager, Data Acquisition
Mthiry@med.miami.edu
(305) 243-2639

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General Project Information

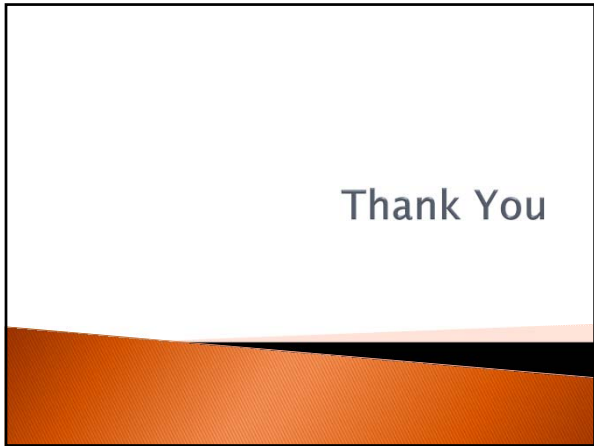
- ▶ Dr. Youjie Huang
 - (850) 254-4407
 - Youjie_huang@doh.state.fl.us
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 - (305) 243-9673
 - MHernandez5@med.miami.edu

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Open the Line for Questions

- ▶ Please enter 1 0 on your phone and you will be placed in the question queue

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Thank You
