

A PRESENTATION BY ESO

VSSTF Quarterly Meeting
07/15/2022

eso



THE ESO MISSION

Make A Difference

Improve Community Health and Safety
Through the Power of Data

What are we covering today

VDH Stroke Repository / Registry

Exporting Stroke Registry Data for Submissions
Submitting Data to VDH Stroke Repository

VDH Stroke Registry Next Steps

VDH Stroke Data Model
VDH Stroke IRR

NEXT SECTION

VDH Stroke Repository / Registry

VDH Stroke Repository / Registry



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VDH Communications Staff

Health Commissioner 2018 Listening Tour

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Summer Injury and Illness Prevention ▾

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THE VIRGINIA DEPARTMENT OF HEALTH IN COLLABORATION WITH ESO LAUNCHES FIRST-EVER VIRGINIA STROKE REGISTRY

FOR IMMEDIATE RELEASE – May 23, 2022
For More Information Contact: Marian Hunter, public relations coordinator, 804-888-9116, Marian.Hunter@vdh.virginia.gov

The Virginia Department of Health in Collaboration with ESO Launches First-Ever Virginia Stroke Registry
Statewide View of Stroke Data will Improve Care for all People in Virginia

(RICHMOND, Va.) – The Virginia Department of Health (VDH) in partnership with ESO, today announced the launch of the first-ever Virginia Stroke Registry. ESO is the leading data and software company serving emergency medical services, fire departments, hospitals, state and federal agencies.

Stroke is the fifth leading cause of death, and stroke-related death rates have risen in recent years. This new Registry will allow stroke centers across Virginia to securely submit stroke data to one central location. The data will be used to identify evidence-based trends and patterns to help stroke patients transition with intent and proper treatment through the entire spectrum of care – from the 911 call to the hospital to rehabilitation to post-acute care. All hospitals and emergency medical services (EMS) agencies in the Commonwealth will be able to participate.

“As we observe National Stroke Awareness Month in May, we are also recognizing this milestone in the evolution of health care in the Commonwealth,” said **State Health Commissioner Colin M. Greene, MD, MPH**. “The ability to collect and share stroke data and collaborate with other organizations across the Commonwealth is a major step forward in our ability to improve the care and well-being of all the people of Virginia.”

“Hospitals, EMS agencies and VDH will collaborate through the Virginia Stroke Registry’s Health Data Exchange to better track, assess and improve the quality of care for acute stroke patients across the Commonwealth,” said **Stroke Registry Coordinator of the Division of Prevention and Health Promotion Kathryn Funk, AGACNP-BC, MSN, SCRNP, CNRN**. “The Virginia Stroke Registry will provide the Commonwealth a greater picture of Virginia’s Stroke burden, highlight our successes in stroke care, and allow the VDH to assist hospitals towards better allocation of resources to raise

NEXT SECTION

Exporting Stroke Registry Data for Submission

Exporting Stroke Data for Submission

Login into your Stroke Registry



The screenshot shows the top navigation bar of the American Heart Association website. It includes the AHA logo, links for "Heart Attack and Stroke Symptoms", "COVID-19", "Volunteer", and "SHOP", and two red buttons for "DONATE ONCE" and "DONATE MONTHLY". Below the navigation bar is a breadcrumb trail: "Home / Professional Resources / Quality Improvement / Quality Improvement Registry Login". A search bar contains the text "ex: heart disease" and a red "Search" button. The main heading is "Quality Improvement Registry Login". Below this, a message says "Click on your registry below to login." followed by the heading "Choose a program". There are five program tiles, each with the AHA logo and text: "Stroke", "Heart Failure", "Resuscitation", "AFib", and "Coronary Artery Disease". On the right side, there is a vertical list of registry options: "Quality Improvement", "Cardiogenic Shock Registry", "COVID-19 CVD Registry", "Get With the Guidelines", "Hospital Maps", "International Focus On Quality Care", "Outpatient Quality Improvement", "Pain Management", "Healthcare Certification", "Target: Heart Failure", "Target: Type 2 Diabetes", and "Target: Stroke".

Exporting Stroke Data for Submission

The screenshot shows a web browser window with two tabs labeled 'Quintiles Q Login'. The address bar displays 'https://heart.lip.igvia.com'. The page header features the 'QUINTILES' logo and the word 'OUTCOME'. Below the header, there is a 'Learn more about:' section with a list of links: 'Inpatient Diabetes', 'Carotid Artery Stenting', 'TJC/CMS Core Measures', and 'AHA Get With The Guidelines®'. The central 'Participant Login' section includes a 'username:' field, a 'password:' field, and an 'enter' button. To the right of the login fields is a list of links: 'help logging in', 'contact the help desk', and 'about Quintiles'. The footer contains copyright information for 2015 Quintiles, links for 'Privacy' and 'Terms and Conditions', a statement about patent coverage for the Outcome System service, and the 'powered by Quintiles Infosario Outcome' logo.

Exporting Stroke Data for Submission



Click on the “Report” Icon

Exporting Stroke Data for Submission

Report List x Powering Healthcare with Conn... x +

https://heart.irp.iqvia.com/access.html?study_id=1388&physician_id=380830&study_rev_id=882&function=reports

Contact Us Logout

Patients Download Reports My Account Home

Current User: Victoria Benoit Site: University of Virginia Medical Center Site ID: 46394

Reports User Manual

Data Management

Audit Reports
Provides an audit trail for all form data.

Site-Level Reports

Configurable Measure Reports
Build your own Quality Measure Reports

Pre-Defined Measure Reports
Select from the Most Common Measure Reports or run your previously saved report types.

PMT Patient List
Provides a list of patient records entered for this study.

Comprehensive Stroke: List of Patients Expected to Have a Follow-Up
Provides a listing of CSTK patients that require a follow up form entered.

Stroke (STK) Initial Patient Population Report
STK Initial Patient Population and Sample Count Report

Patient Time Tracker Report
Provides time tracking for patient records entered for this study.

Due to the size of this report, unfortunately, our Print to PDF feature is not well supported for this report at this time. In order to print this report more effectively, please use the "Export to Excel" feature in the top right hand corner of the report and print from Excel.

Stroke InSights Data Quality Report

Stroke Mortality Report

EMS Feedback Log
Provides the feedback details of the patients entered for the study

EMS Time Tracker
Displays relevant information for patients at a site.

Data Quality Review

Submission Error Report
Submission Errors identified by QualityNet and The Joint Commission.

GWTG On Demand Trend Reports
GWTG - Stroke On Demand Trend Reports and Slides

Mission: Lifeline® Reports

Stroke Mission: Lifeline® Report
This report provides the ability to select your own parameters for the Mission:Lifeline® regional report.

Click on the
“Download” Tab

Exporting Stroke Data for Submission

Form Type ✓ Coverdell

Select a Set of Fields ✓
Coverdell

Select the export date range

Click Generate Download File

The screenshot shows a web interface titled "Choose Fields and Time Period for Download". It is divided into several sections:

- Select Forms:** A dropdown menu is set to "Stroke".
- Form Types:** A checkbox for "Coverdell" is checked.
- Select a Set of Fields:** A dropdown menu is set to "Coverdell". Below it, a list of fields is shown with "Coverdell" selected. The list includes: Gender, Patient Gender Identity, Patient Gender Identity - Other, Patient-Identified Sexual Orientation, Patient-Identified Sexual Orientation - Other, Age, Payment Source, Race, Race Asian, and Race Native Hawaiian.
- Select Individual Fields:** This section is currently empty.
- Save the Set of Fields (optional):** A text input field contains "October-December 2021" and a "Save" button is next to it.
- Complete records:** A checkbox for "Include Complete Records Only" is unchecked.
- Date range:** "From:" is set to "2021" and "Oct", and "To:" is set to "2021" and "Dec".
- Format Download File:** "Coded fields format:" has "As Codes (Help)" selected. "Multiselect fields format:" has "Split Fields" selected.

At the bottom of the form is a "Generate Download File" button. Below the form, a message reads: "Please be patient after making your selection, as it may take the server a few minutes to compile your data. The following DDT requests were completed within the past 24 hours and are available for download."

Four large blue arrows point from the text on the left to the corresponding sections in the form: "Form Type ✓ Coverdell" points to the "Form Types" section; "Select a Set of Fields ✓ Coverdell" points to the "Select a Set of Fields" section; "Select the export date range" points to the "Date range" section; and "Click Generate Download File" points to the "Generate Download File" button.

Exporting Stroke Data for Submission

The GWTG registry will say the download file will be emailed. No need to wait for the email download.

Refresh the download screen and the download link should appear OR Click on one of the top tabs and then click back into the download tab.

Choose Fields and Time Period for Download

Select Forms: All Forms

Complete records: Include Complete Records Only

Date range: From: 1019 Dec To: 2022 Apr Include Patients without Core Dates

Format Download File: Coded fields format: As Descriptives As Codes (Help) Multiselect fields format: Split Fields Single Field (Help)

[Generate Download File](#)

Please be patient after making your selection, as it may take the server a few minutes to compile your data.

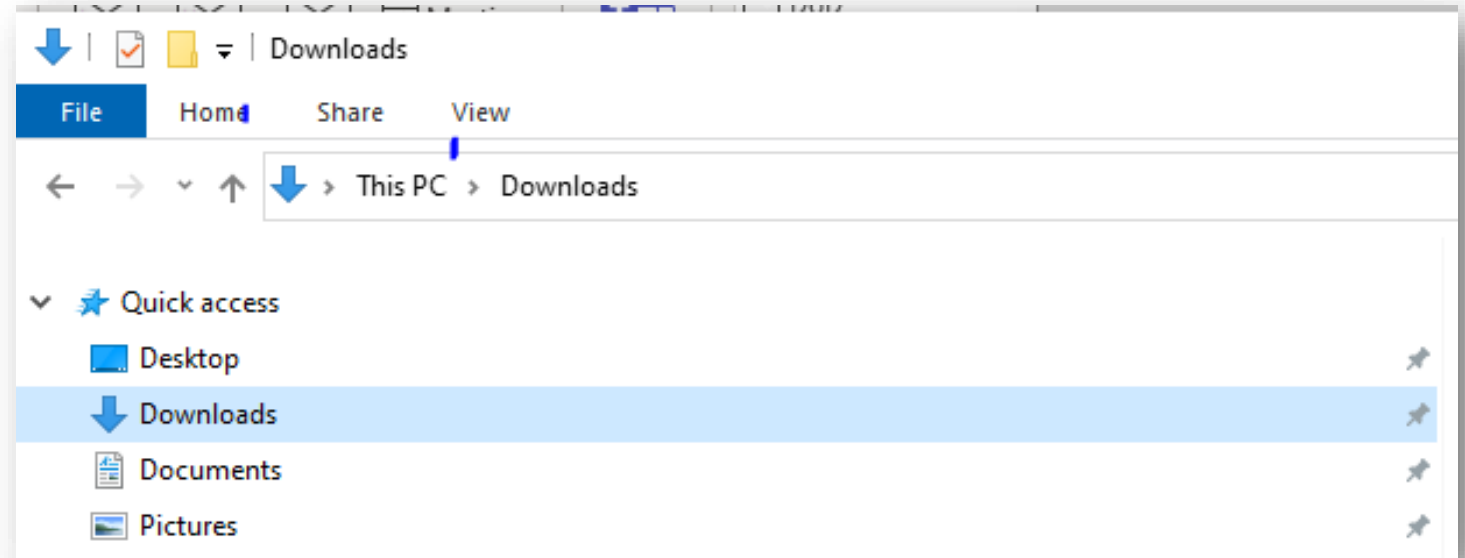
The following DDT requests were completed within the past 24 hours and are available for download.
Download completed DDT request (27Apr2022_12:47)

Click to download



Exporting Stroke Data for Submission

The file will appear within your downloads section for you to open up, or the file download popup will show in your browser



Exporting Stroke Data for Submission

Browser download pop up example 1:

The file will appear within your downloads section for you to open up

Format Download File

Coded fields format: As Descriptives As Code

Multiselect fields format: Split Fields Single Field

Generate Download File

Please be patient after making your selection, as it may take the server a few minutes to complete.

The following DDT requests were completed within the past 24 hours and are available for download:
[Download completed DDT request \(28Apr2022_09:56\)](#)

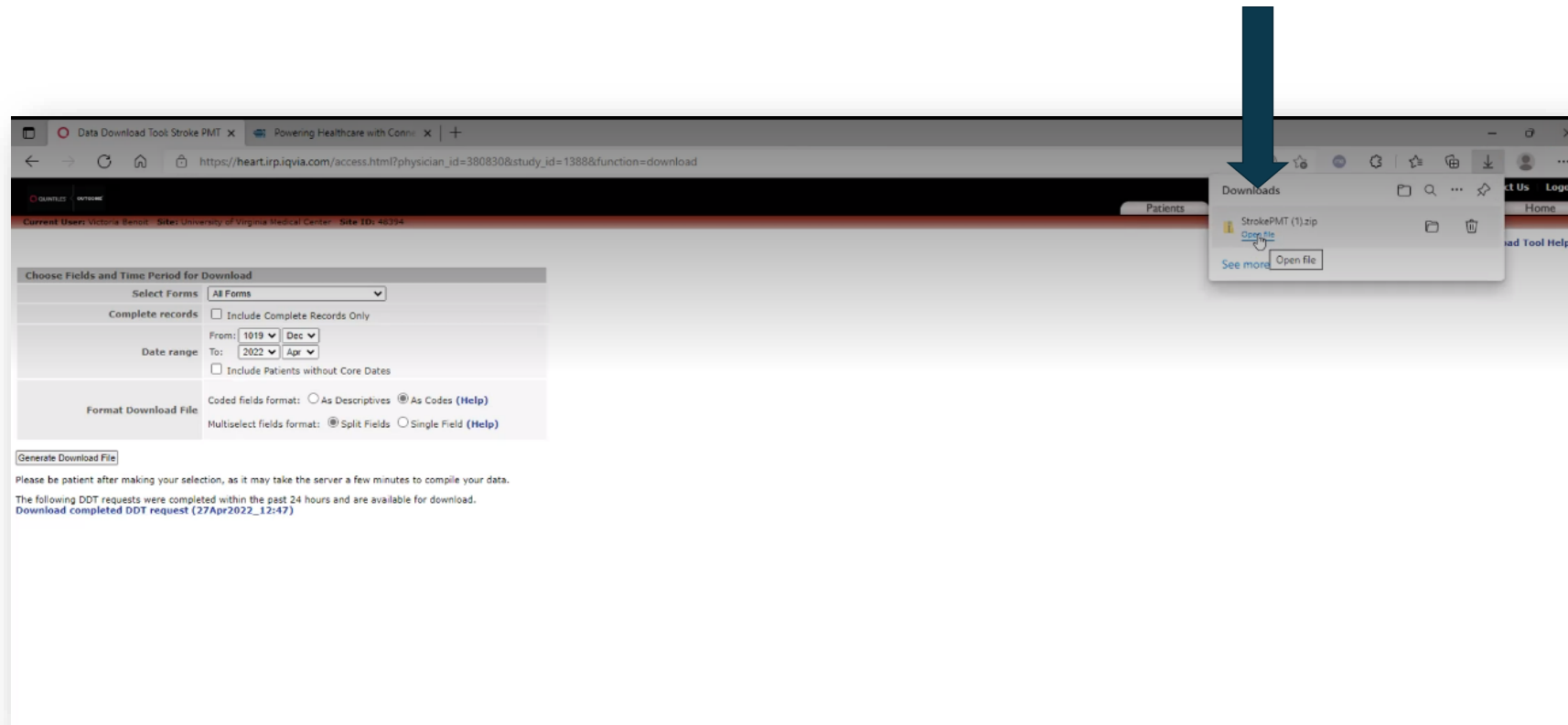
StrokePMT (33).zip



Exporting Stroke Data for Submission

Browser download pop up example 2:

Or the file will appear within your downloads section for you to open up



Exporting Stroke Data for Submission

This will open the file in a spreadsheet format as shown below.

Note: this file does not contain detailed PHI information

site_os_id	patient_o	study_id	procstep	formdata	jc_gender	jc_identity	jc_identity	jc_orienta	jc_orienta	gs_age	paysource	paysource	paysource	paysource	paysource	paysource	gs_race_4	gs_race_2	gs_race_1	gs_race_3	gs_race_5	gs_race_6	gs_race_a	gs_race_a	gs_race_a	gs_race_a
48394	704643	1388	1457	2	1					80	1				1				1							
48394	1018509	1388	1457	2	2					83	1			1						1						
48394	551816	1388	1457	2	1					56						1				1						
48394	2417033	1388	1457	2	2					79	1				1					1						
48394	739268	1388	1457	1	2					82	1										1					
48394	19029948	1388	1457	1	2					77	1					1					1					
48394	1237866	1388	1457	1	2					27						1					1					
48394	2704317	1388	1457	1	2					74	1					1					1					
48394	704279	1388	1457	1	1					53		1									1					
48394	551816C	1388	1457	1	1					55		1									1					
48394	2172828	1388	1457	1	1					57	1	1									1					
48394	1351236	1388	1457	1	1					89	1										1					
48394	3235897	1388	1457	1	2					69	1										1					
48394	1519685	1388	1457	1	1					82	1										1					
48394	575731	1388	1457	1	1					54	1										1					
48394	3232253	1388	1457	1	2					63						1										
48394	459845	1388	1457	1	1					86	1										1					
48394	2911619	1388	1457	1	2					74	1											1				
48394	3128587	1388	1457	1	2					20		1										1				
48394	1536439	1388	1457	1	1					76	1											1				
48394	1481152	1388	1457	1	2					77	1											1				
48394	3238883	1388	1457	1	1					79	1											1				
48394	3238091	1388	1457	1	1					31		1										1				
48394	3243783	1388	1457	1	2					89	1											1				
48394	3243666	1388	1457	1	1					51												1				
48394	478979	1388	1457	1	2					84											1					
48394	3063860	1388	1457	1	1					64												1				
48394	1053172	1388	1457	1	2					78												1				
48394	3017889	1388	1457	1	2					67	1											1				
48394	11476178	1388	1457	1	1					76	1											1				
48394	2008866	1388	1457	1	1					83												1				
48394	3243496	1388	1457	1	1					79	1											1				
48394	1179221	1388	1457	1	2					76	1												1			
48394	2316325	1388	1457	1	1					73												1				
48394	3236031	1388	1457	1	1					70												1				
48394	1183822	1388	1457	1	1					70	1											1				
48394	2658360	1388	1457	1	2					98													1			
48394	885580	1388	1457	1	1					68	1												1			

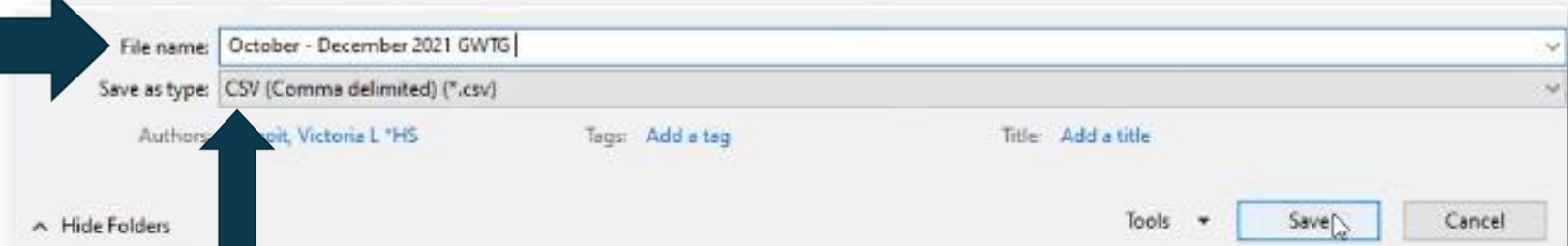
Note that GWTG looks at discharge dates so the files you upload will not always have the admission months as the discharge dates

Exporting Stroke Data for Submission

Now click “File” and then click “Save As” to save the file to your desktop or other location



File name should match your submission period



The “Save as type” must always be CSV

NEXT SECTION

Submitting Data to VDH Stroke Repository

Submitting Data to VDH Stroke Repository

Login into
esosuite.net

The screenshot shows a web browser window with the URL <https://www.esosuite.net/login/?returnUrl=%2FPatientTracker%2F#/emsIncidentView>. The page has a dark blue background with a subtle pattern. In the center, the 'eso' logo is displayed above a login form. The form consists of three input fields: 'ID', 'Password', and 'Agency Code', followed by a blue 'Let's go!' button. Below the button is a link for 'Forgot your password? [Click here](#)'. To the right of the login form, there is a promotional banner for 'Wave 2022' in Austin, TX, dated April 19-22, 2022. The banner includes the text 'JOIN US IN BEAUTIFUL AUSTIN, TX' and 'Learn more about Wave 2022' with a link.

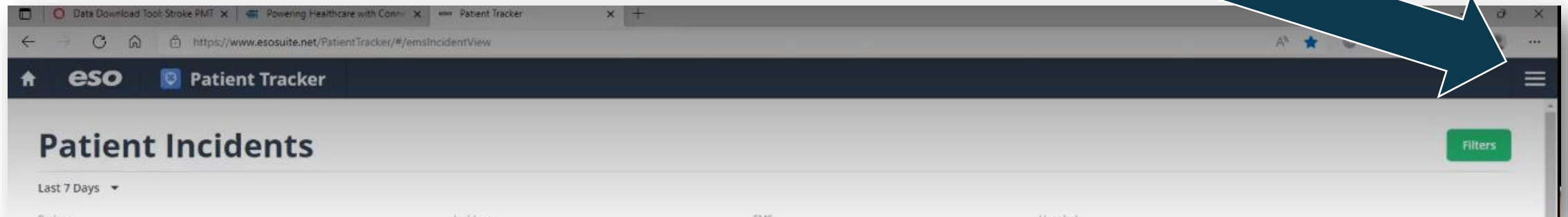
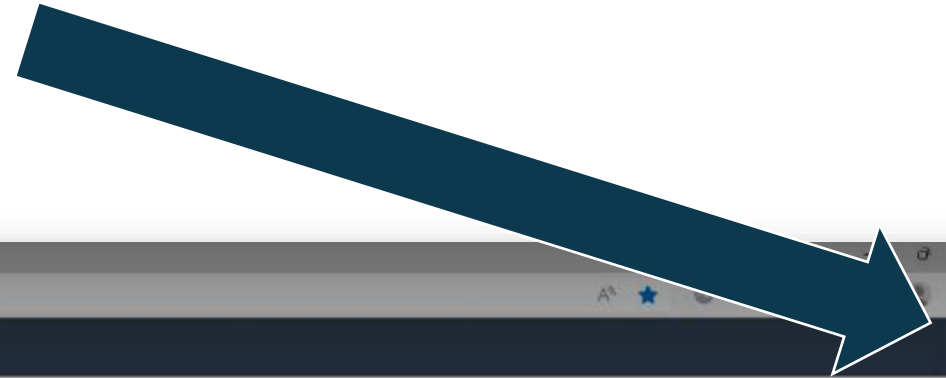
Submitting Data to VDH Stroke Repository

Once in ESO Suite, click on your ESO Patient Tracker Application



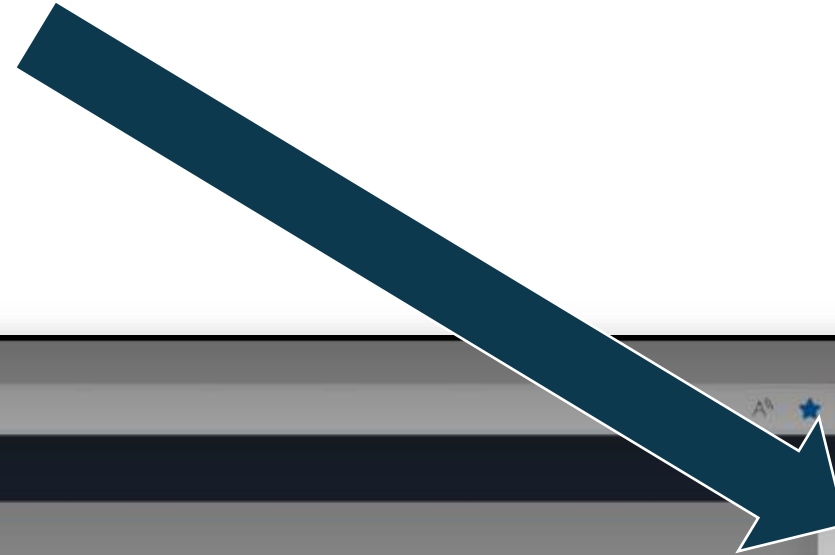
Submitting Data to VDH Stroke Repository

Once in the ESO Patient Tracker then you can click on the upper right corner



Submitting Data to VDH Stroke Repository

The option for “Coverdell Stroke Submission” is shown as an option, Click

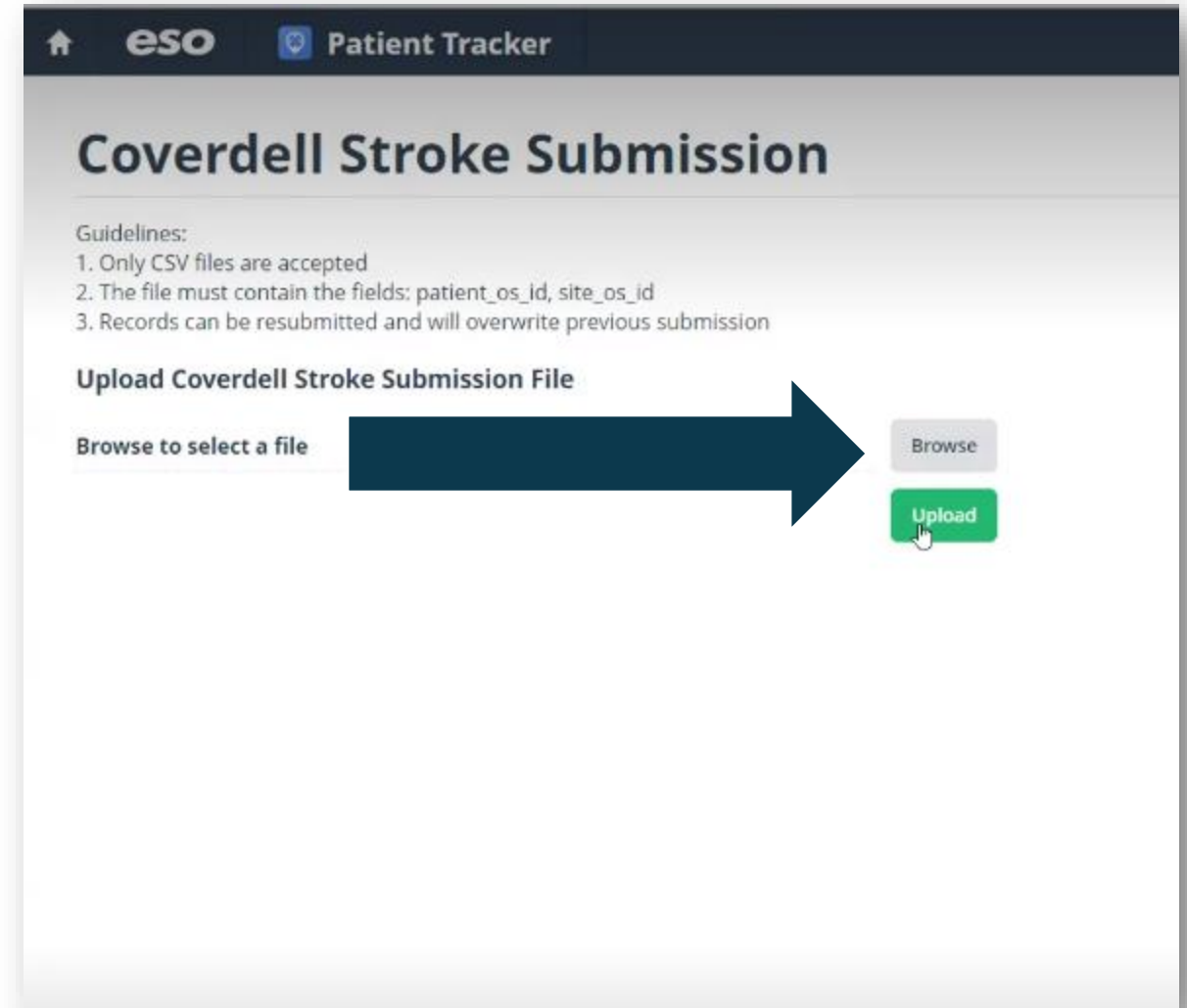


The screenshot displays the Patient Tracker application interface. The browser address bar shows the URL: <https://www.esosuite.net/PatientTracker/#/emsIncidentView>. The page title is "Patient Incidents". A dropdown menu is open on the right side, showing the option "Coverdell Stroke Submission" and "Logout". A large blue arrow points to the "Coverdell Stroke Submission" option.

Submitting Data to VDH Stroke Repository

This will bring you to the Coverdell Stroke Submission / VDH Stroke Repository Upload

Click on the green “Browse” button



The screenshot shows a web interface for submitting data. At the top, there is a navigation bar with an upward arrow, the 'eso' logo, and a 'Patient Tracker' button. Below this is a header for 'Coverdell Stroke Submission'. Underneath the header, there are 'Guidelines' listed as follows:

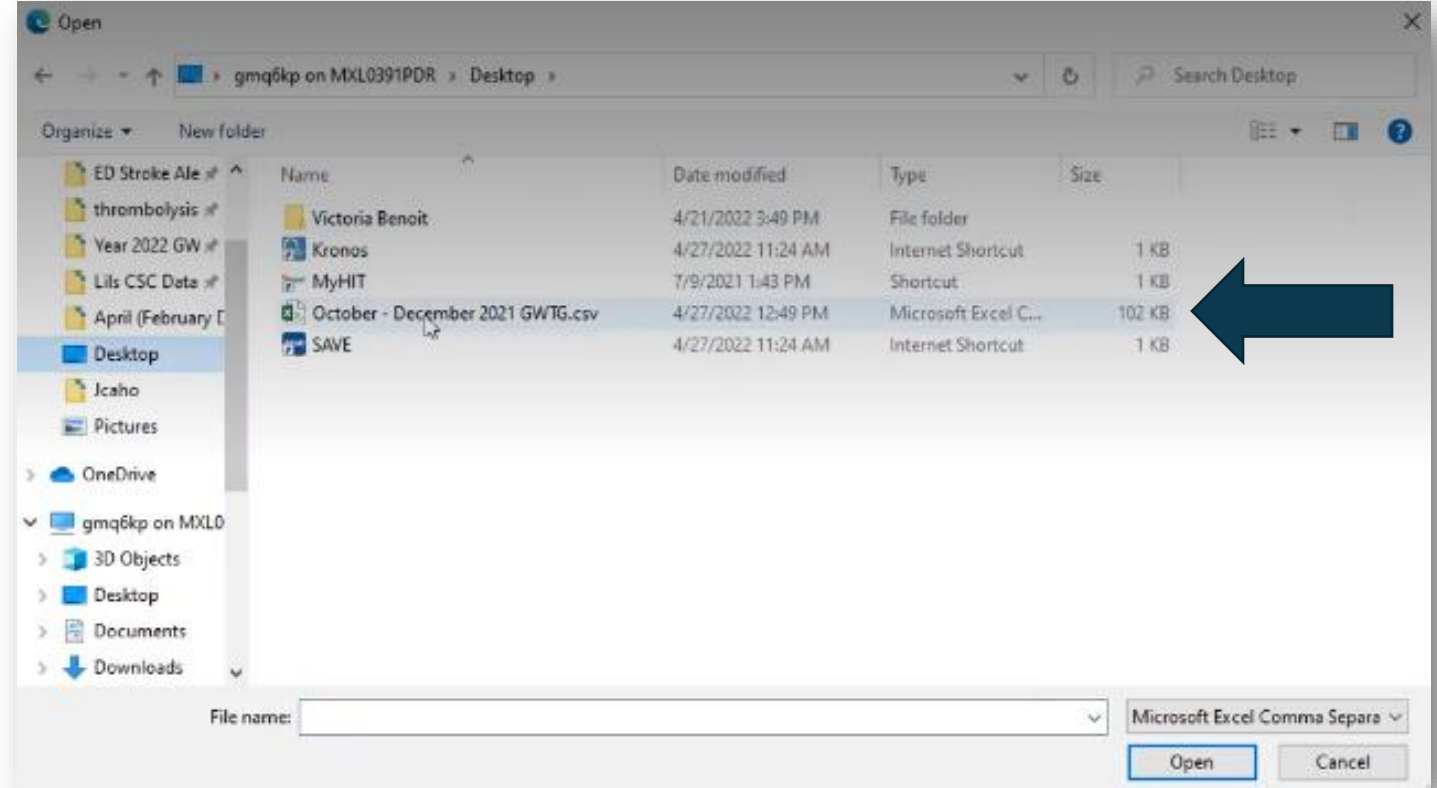
- 1. Only CSV files are accepted
- 2. The file must contain the fields: patient_os_id, site_os_id
- 3. Records can be resubmitted and will overwrite previous submission

Below the guidelines is a section titled 'Upload Coverdell Stroke Submission File'. This section contains a text input field with the placeholder text 'Browse to select a file'. To the right of this field is a large dark blue arrow pointing towards two buttons: a grey 'Browse' button and a green 'Upload' button. A mouse cursor is shown clicking on the 'Upload' button.

Submitting Data to VDH Stroke Repository

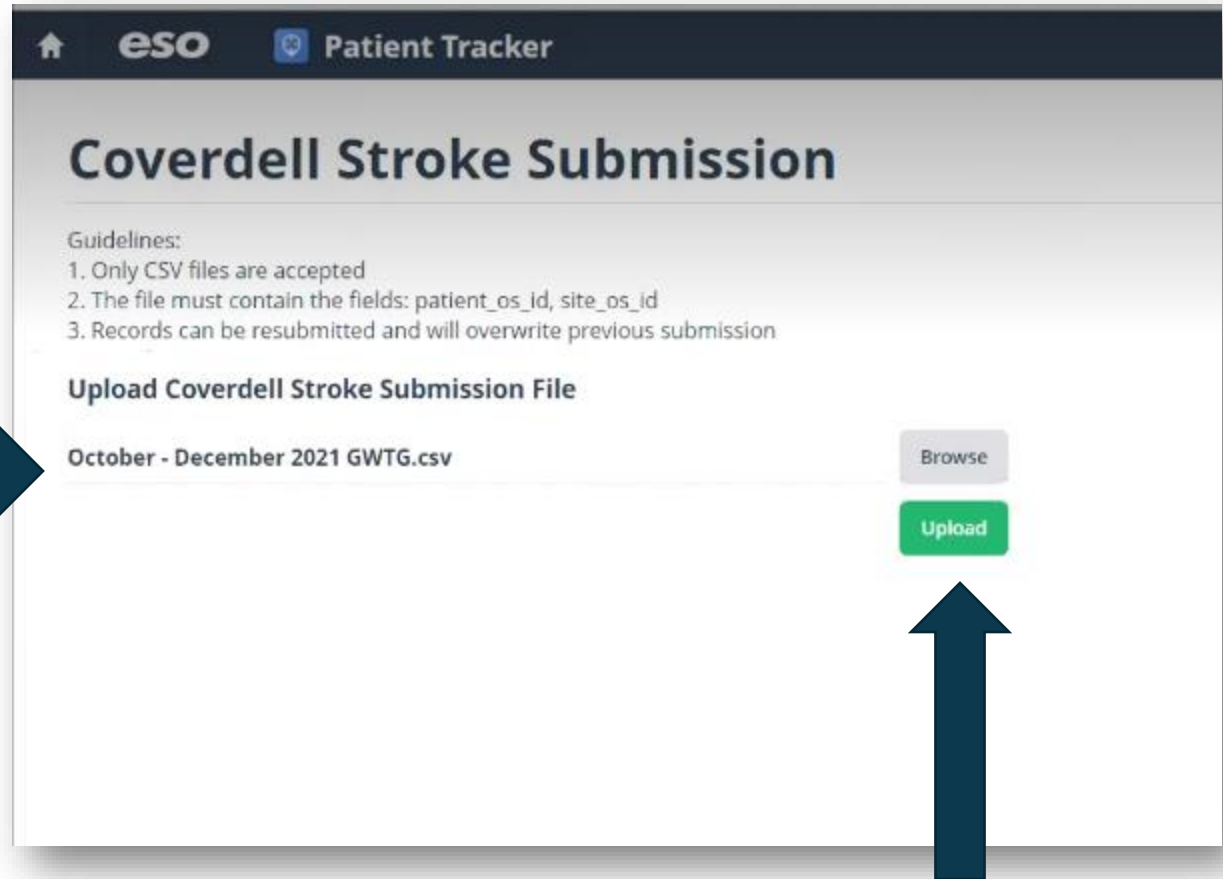
Now you will browse / search your files, locate the file which needs to be uploaded, select the file to be uploaded

Once you have found the file then you can click “Open”



Submitting Data to VDH Stroke Repository

The file as name should appear in the Coverdell Stroke Submission screen



Then click the “Upload” button

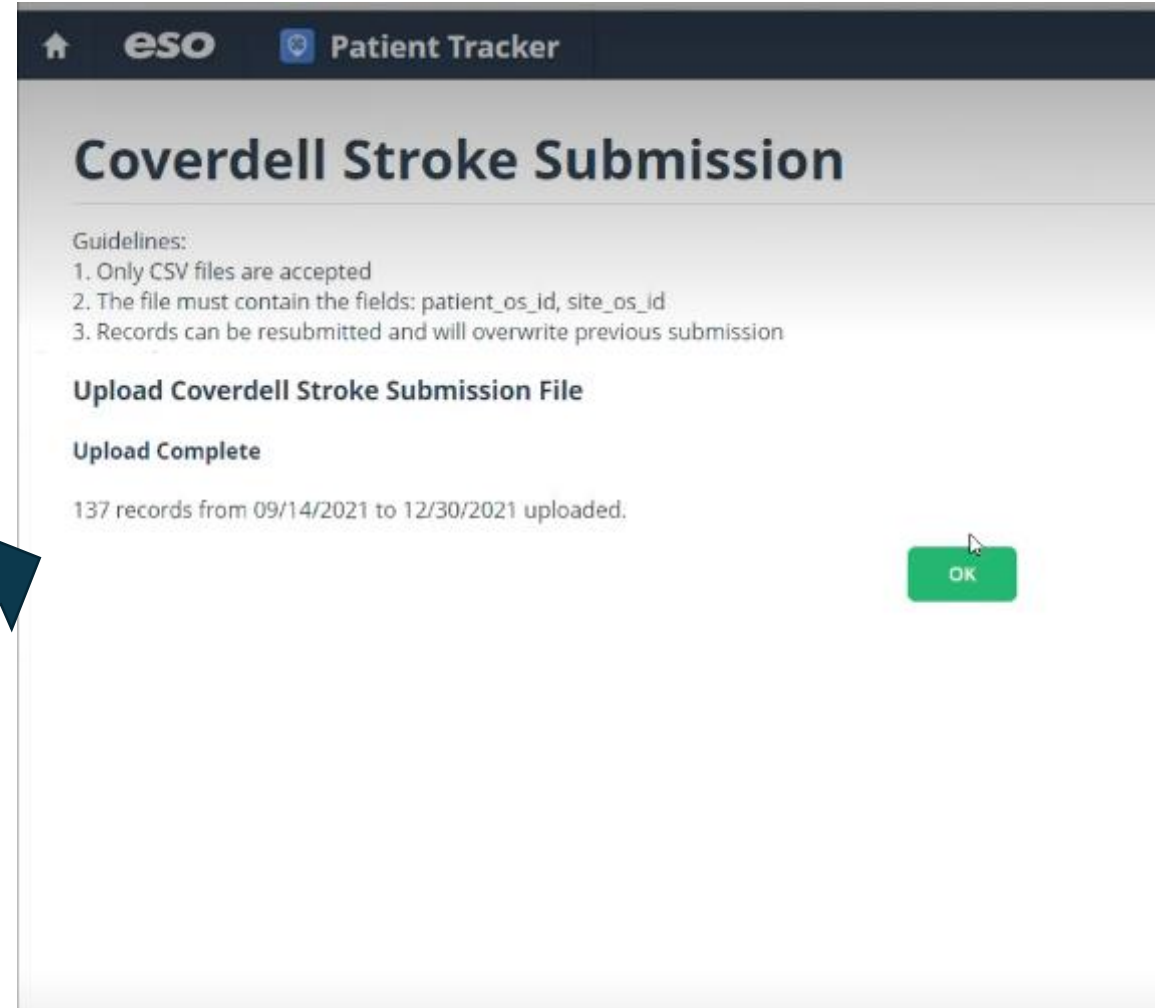
Submitting Data to VDH Stroke Repository

The File was accepted because the date range and file number will appear

Make sure to take a screenshot of your submission screen as shown here for your records



Note that GWTG looks at discharge dates so the files you upload will not always have the admission months as the discharge dates



Submitting Data to VDH Stroke Repository



The screenshot shows the 'eso Patient Tracker' interface. At the top, there is a navigation bar with the 'eso' logo and 'Patient Tracker' text. Below this, the main heading is 'Coverdell Stroke Submission'. Underneath, there are 'Guidelines:' listed as follows:

- 1. Only CSV files are accepted
- 2. The file must contain the fields: patient_os_id, site_os_id
- 3. Records can be resubmitted and will overwrite previous submission

Below the guidelines, there is a section titled 'Upload Coverdell Stroke Submission File'. Underneath that, it says 'Upload Complete'. A large blue arrow points to the text '137 records from 09/14/2021 to 12/30/2021 uploaded.' In the bottom right corner of the interface, there is a green 'OK' button with a mouse cursor hovering over it.

Success!

NEXT SECTION

VDH Stroke Registry Next Steps

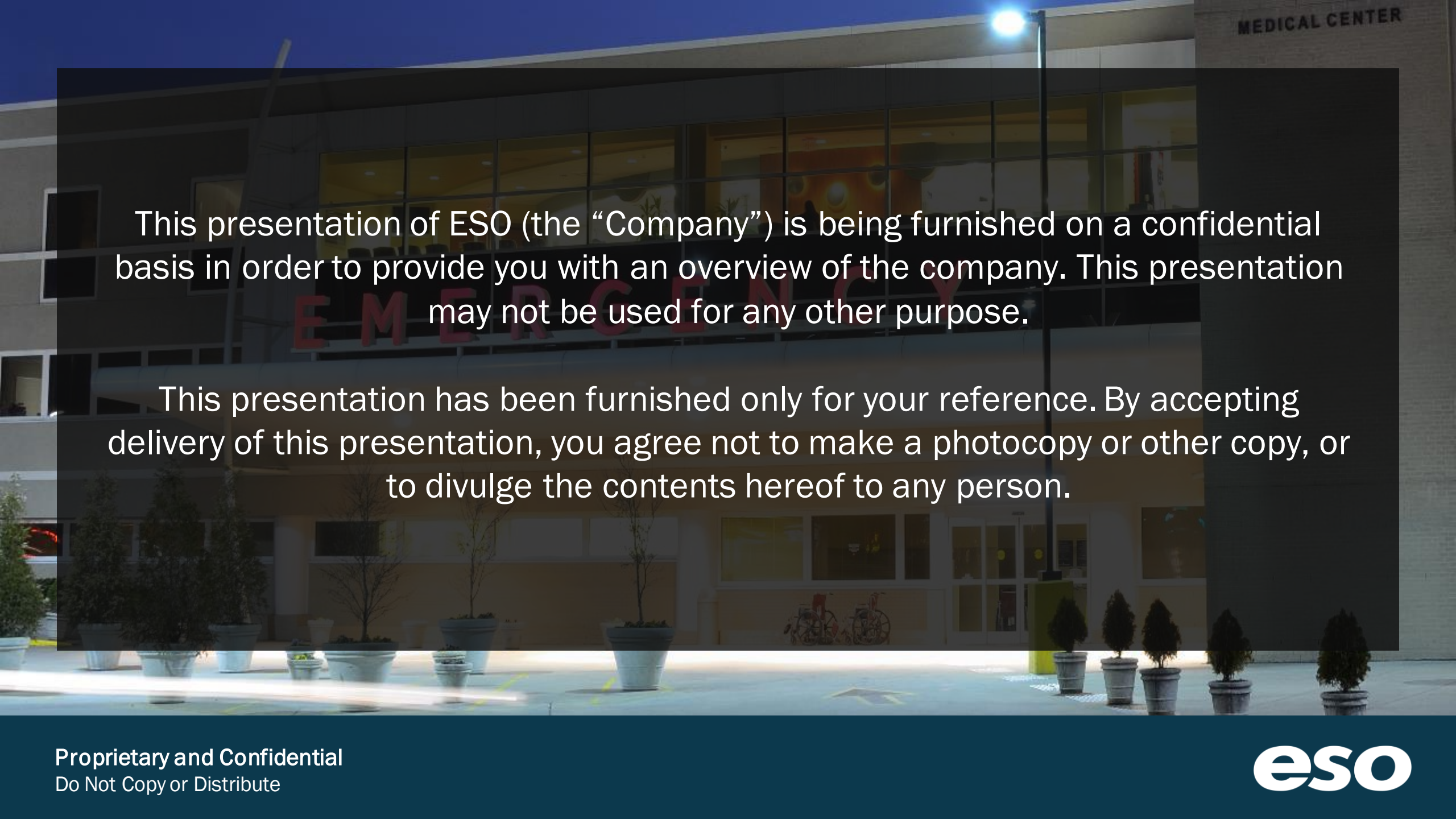
VDH Stroke Registry Next Steps

VDH Stroke Data Model

VDH Stroke IRR

Questions





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