THANK YOU

front-line clinicians
care givers
all those who are serving
Where to learn & how to access

VA Phenomics Library

https://vhacdwdwhweb100.vha.med.va.gov/phenotype/index.php/
COVID-19:Shared_Data_Resource
How can I help?

• Reporting a COVID data quality issue
• Reporting a COVID data access issue
• Asking a COVID data question
• Offering to help with validation
• Offering to contribute mappings
• Requesting new data elements
• Other…

vinci@va.gov
What do I get access to?

VA COVID-19 Shared Data Resource is a **DATA DOMAIN**

population of patients that meet your study criteria is your **STUDY COHORT**
VA COVID-19 Shared Data Resource

• Goal:
  • Provide value as **quickly** and **consistently** as possible

• Process:

  ![Diagram](image)
  - Collaboration
  - Transparency
  - Continual improvement
Collaboration

- Makoto Jones
- Kelly Peterson
- Adrienne Murray
- BASIC team, VA SLC
- Barb Jones
- Joe Francis
- Tami Box
- Jack Bates
- Jennifer Knowlden
- Andrew Price
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- Mahikpreet Kaur
- Hans Nelson
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- Thomas Huneke
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- Jiantao Bian
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- Aize Cao
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- Vincent Messina
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- Liz Hanchrow
- Abigail Hillard
- Jeffrey Ferraro
- Shaoyu Su
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- Ramana Seerapu
Collaboration

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- Kristi Gregory
- Holly Andreason
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- Cara Shimizu
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- Lacy Castleton
- Lindsay Tanzer
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- Farah Kidwai-Khan
- Lesley Park
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- Sarah Haeger
- Tyler Wieman
- Corey Walsh
- Abigail Bryant
- Amber Fleck
- Eric Cross
- Michael Klausner
- Kevin Duan
- Scott Powers
- Todd Wagner
- Nicholas Smith
- Jonathan Sugimoto
- Sarah Keithly
- Walid Gellad
- Paul Heidenreich
Collaboration

- Aditya Sharma
- Sonia Duffy
- Adam Chow
- Paul Barnett
- Rose Ignacio
- Yoko Ogawa
- Kristin de Groot
- Scot Dingman
- Palantir Integrated

Project Team
- OHDSI COVID Collaboration
- Cooperative Studies Program
- CSPEAR
- ORD COVID Steering Committee
- Michael Conlin

- Sean Nugent
- Matthew Maciejewski
- Alexandra Neuhaus-Follini
- David Atkins
- Grant Huang
- Rachel Ramoni
- and many more...
Collaboration

pre index observations  post index observations

COVID-19 case

index date = date of COVID-19 case

COVID-19 case with hospitalization up to 15 days before

index date = admit date of hospitalization up to 15 days before date of COVID-19 case

index date
Collaboration

pre index observations  post index observations

conditions
labs
medications
procedures

index date
Collaboration

**formula:**

anchor + phenotype + observation period

column name

table name
Collaboration

formula:
anchor + phenotype + observation period

Pre Index Date  Type 2 Diabetes  2 years

table name: ORDCOVID_PreIndexConditions
column name: DiabetesType22yrs
Collaboration

**Formula:**

anchor + phenotype + observation period

- Post Index Date
- Type 2 Diabetes
- 60 days

Table name: ORDCOVID_PostIndexConditions
Column name: DiabetesType2OccurrenceType

- NULL = not yet 60 days or present
- 1 = incident (post, but no pre index)
- 0 = Neither pre nor post index
- 2 = prevalent (pre and post index)
Collaboration

pre index observations  post index observations

index date

2 years

30d

7d

60 days
Collaboration

pre index observations       post index observations

ORDCOVID_PreIndexConditions
ORDCOVID_PreIndexMedications

index date

2 years
Collaboration

pre index observations  post index observations

ORDCOVID_PreIndexSymptoms

index date 30d
Collaboration

pre index observations

post index observations

index date

ORDCOVID_PostIndexConditions
ORDCOVID_PostIndexMedications
ORDCOVID_PostIndexProcedures

60 days
Collaboration

pre index observations    post index observations

7d

ORDCOVID_PostIndexLabs

index date
Collaboration

pre index observations   post index observations

phenotypes

index date
Collaboration

- Requested phenotypes

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Collaboration

- Frequently Asked Questions

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This report compares VA cases diagnosed and treated at VA facilities, with community cases of non-VA healthcare facilities.

https://www.accesstocare.va.gov/Healthcare/COVID19NationalSummary
Transparency

National Surveillance Tool  VA COVID-19 Shared Data Resource
<table>
<thead>
<tr>
<th>National Surveillance Tool</th>
<th>VA COVID-19 Shared Data Resource</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CaseDetail</strong></td>
<td><strong>Patient</strong></td>
</tr>
<tr>
<td>PatientICN</td>
<td>PatientICN</td>
</tr>
<tr>
<td>CaseDefinition</td>
<td>EverPositive</td>
</tr>
<tr>
<td>CaseDateTime</td>
<td>IndexDate</td>
</tr>
<tr>
<td>PatientStatus</td>
<td>FirstPositive</td>
</tr>
<tr>
<td></td>
<td>RecentPositive</td>
</tr>
<tr>
<td></td>
<td>FirstNegative</td>
</tr>
<tr>
<td></td>
<td>RecentNegative</td>
</tr>
</tbody>
</table>
Transparency

ChangeLog
• Patient added
• Patient no longer in feed
• Patient identifier change
• CaseDateTime change
• CaseDefinition change
• PatientCategory change
• PatientStatus change
• ...

IssueLog
• PatientSID not in CDW.Patient
• PatientSID / sta3n mismatch
• PatientSID / PatientICN mismatch
• PatientCategory / CDW mismatch
• DeathDateTime / CDW mismatch
• ...

Transparency

National Surveillance Tool
CaseDetail
CaseLabChem
*ChangeLog*
*IssueLog*

VA COVID-19 Shared Data Resource
Patient
PreIndex...
PostIndex...
Supplement...
Comparison...
Dim...
Community...

q 1h
q 1w
Continual Improvement
Questions?

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