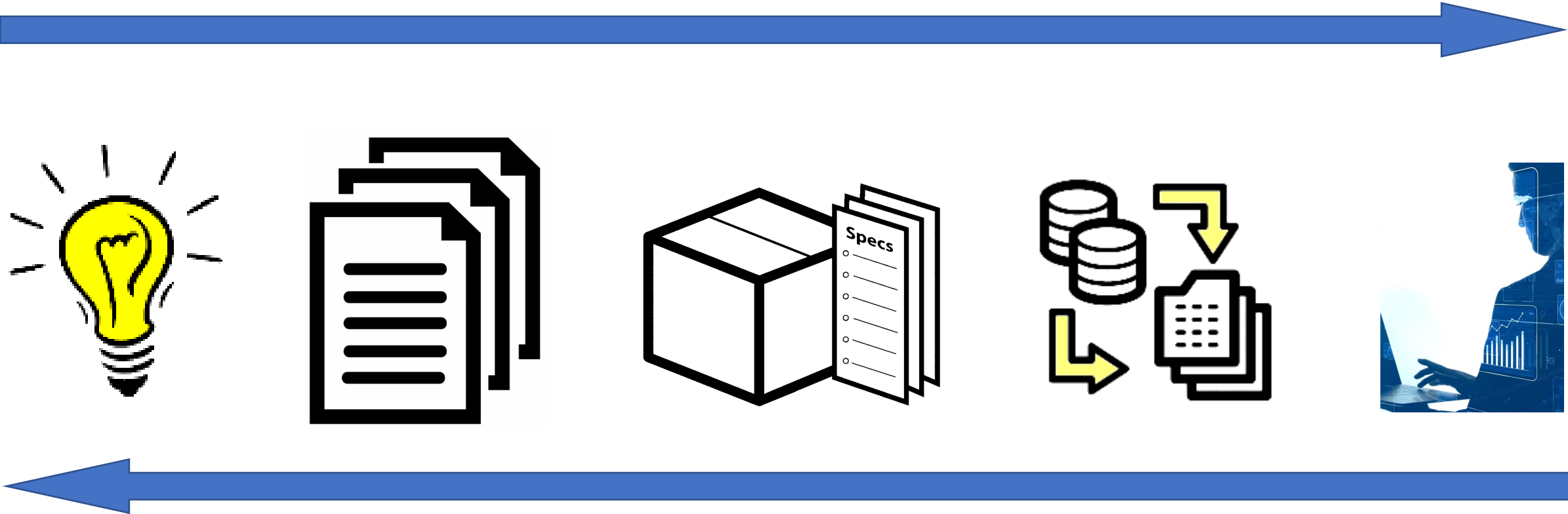


# Easily Accessible Electronic Health Record (EHR) Dataset for Research

# Access to EHR Data for Research



# De-Identified Easily Accessible Dataset

- **IRB** IRB-approved



- Free of charge




- Quick access

- **Ⓜ** Deidentified

Requirements: To use this coded de-identified database as the sole source for your research without first obtaining IRB approval, you must agree that you will not attempt to re-identify individuals in anyway at any time, and sign a confidentiality agreement.

# Data

- Inclusion:
  - UF Health patient with at least one encounter in GNV or JAX since 1/1/2012

-  2.2million+

-  2.5billion+

-  Iterative approach

- Data elements:  
past and present medical history since 1/1/2012

Demographics

Vitals

Vital status

Labs

Conditions

Assessment Scales




Procedures

Social Hx

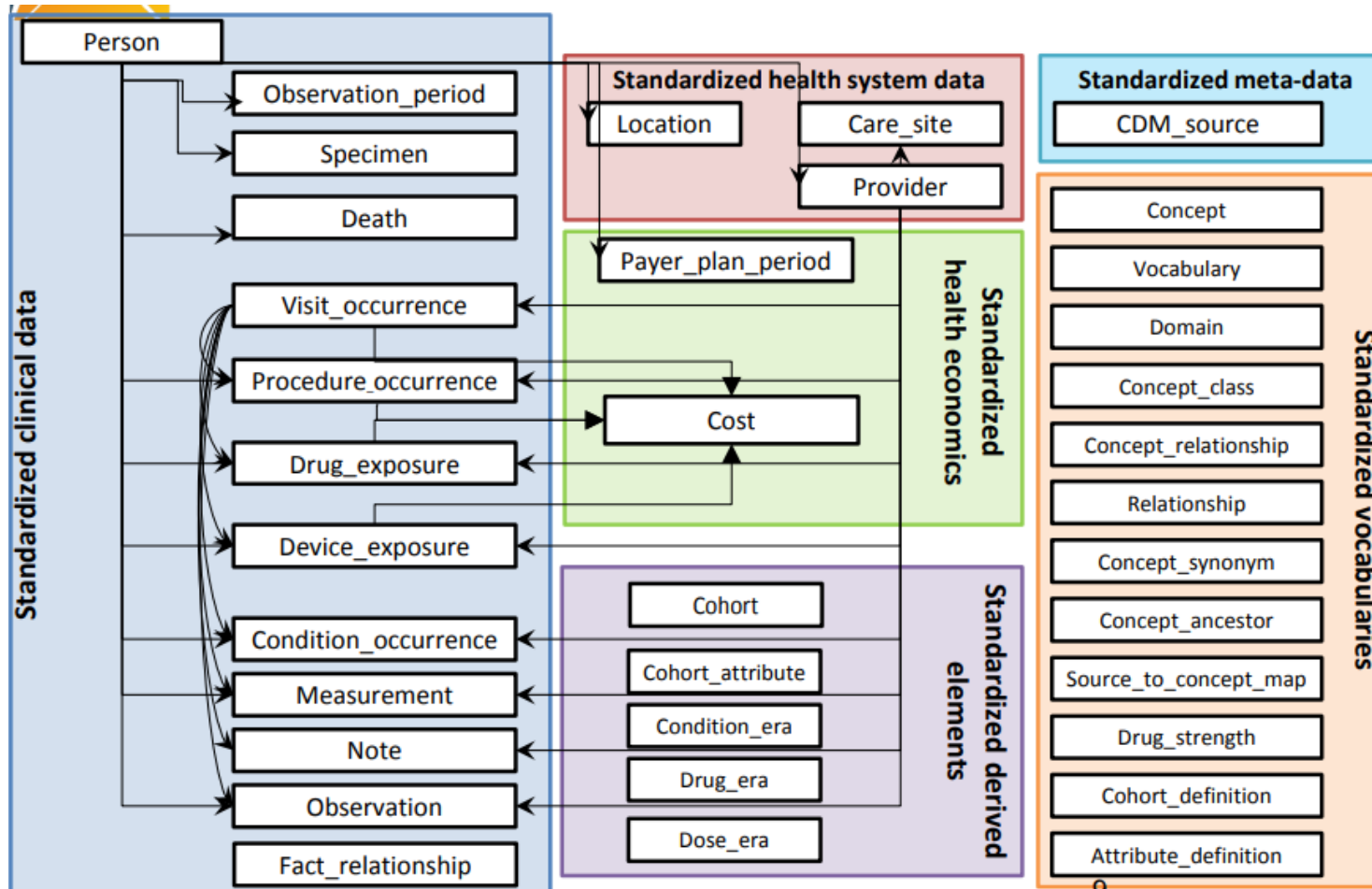
Medications

Encounters

# Future Data Elements

-  Tumor registry
-  Social determinants of health  
Smoking behavior  
Findings from radiology and pathology reports
-  Images metadata, images

# Observational Medical Outcomes Partnership (OMOP) Common Data Model (CDM)



- Internationally used CDM
- Open source tools
  - ATLAS
  - Achilles
  - Data Quality Dashboard
- Global community

- Home
- Data Sources
- Search
- Concept Sets
- Cohort Definitions
- Characterizations
- Cohort Pathways
- Incidence Rates
- Profiles
- Estimation
- Prediction
- Reusables
- Jobs
- Configuration
- Feedback

Cohort #55

created by ohdsi on 2022-09-11 20:53, modified by ohdsi on 2022-10-13 15:21

GPL Test



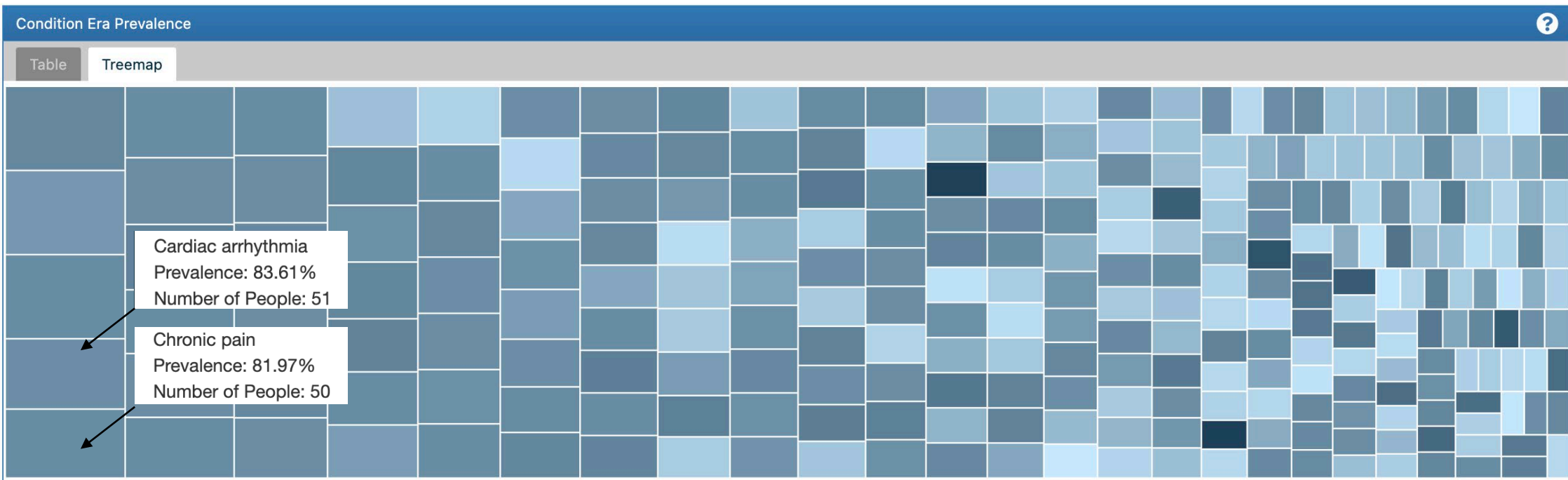
- Definition
- Concept Sets
- Generation
- Samples
- Reporting
- Export
- Versions
- Messages 3

Report Selections

Full Analysis Quick Analysis Utilization ?

OMOP\_PROD

Condition Eras



Box Size: Prevalence, Color: Log of Relative Risk (Red to Green = Negative to Positive), Use Ctrl-Click to Zoom, Alt-Click to Reset Zoom

- Home
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- Search
- Concept Sets
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- Reusables
- Jobs
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- Feedback

Cohort #62

created by ohdsi on 2022-10-13 14:39, modified by ohdsi on 2022-10-13 15:02

Stroke (ischemic or hemorrhagic) with inpatient admission (7Ps, 30Era) LTE 89yo



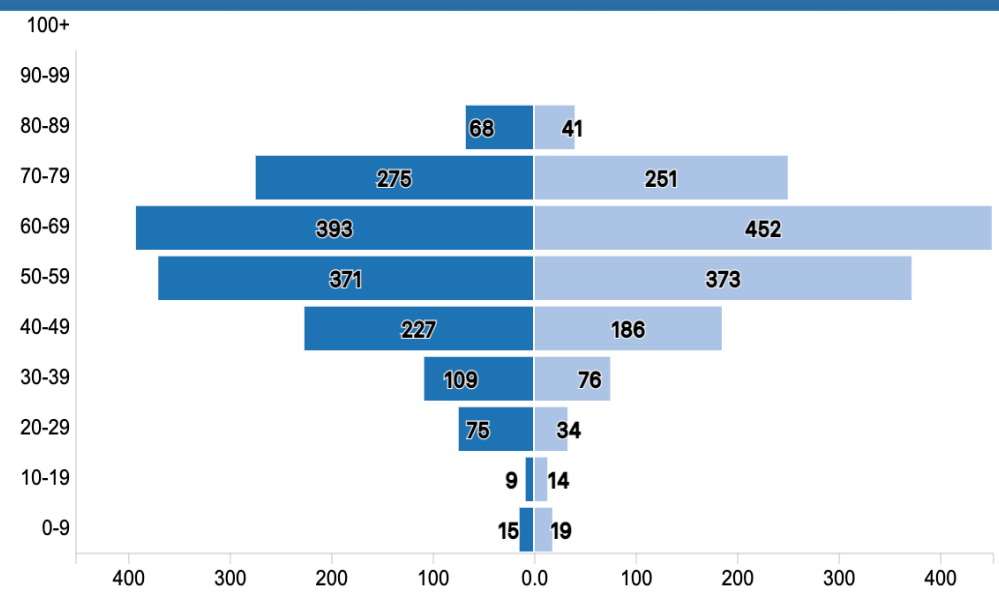
- Definition
- Concept Sets
- Generation
- Samples
- Reporting
- Export
- Versions
- Messages 1

Report Selections

- Full Analysis
- Quick Analysis
- Utilization

- OMOP\_PROD
- Tornado

Tornado

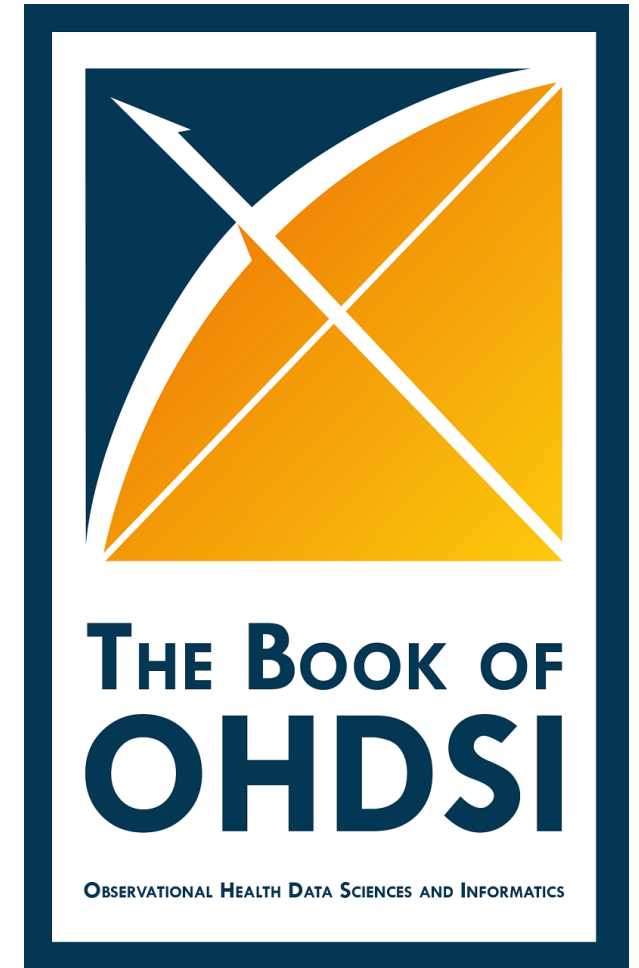


Sample Profiles



# Resources

- Hopkins YouTube Video
  - <https://www.youtube.com/watch?v=bGUPje0LAIa&t=597s>
- OHDSI.org
  - <https://ohdsi.org>
- The Book of OHDSI
  - <https://ohdsi.github.io/TheBookOfOhdsi/>
- Atlas Tutorial
  - <https://www.ohdsi.org/resources/tutorials/>
- EHDEN Academy
  - <https://academy.ehden.eu>
- OHDSI YouTube Channel
  - <https://www.youtube.com/c/OHDSI>



# Applicable Protocols

- Protocol of reference
  - IRB202201755 UF Health De-Identified Clinical Databank
- Companion protocols
  - IRB202101341 UF Health De-Identified Clinical Databank – Cancer
  - IRB202000836 UF Health De-Identified Clinical Databank – Covid

**If you build it they will come**



Concept courtesy of Paul Nagy, PhD



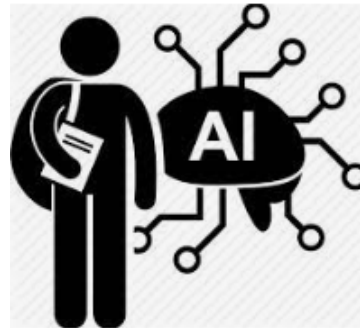
# Ongoing Work

## BUILD OMOP COMMUNITY WITHIN UF/UF HEALTH

- Collaboration with researchers



- Training and education

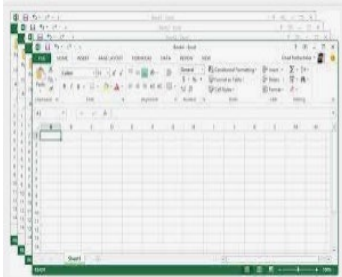


- Combining data with analytics tools



# Paving the path forward – data and technology

## STRUCTURED EHR CORE



i2b2

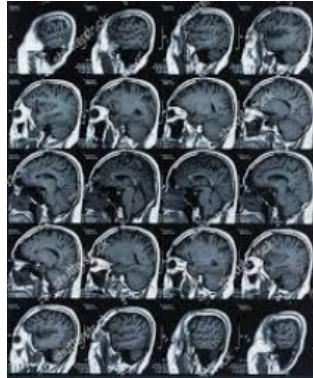


## TEXT CORE

the music - in this case X's do 2 album. Then we want you to NOT it. The idea being that the more of you that buy this record the more money Virgin Records, the manager Ian Reid and YOU themselves will make. To the aforementioned this is known as PLEASURE. A good cover DESIGN is one that attracts more buyers and gives more pleasure. This writing is trying to pull you in much like an eye-catching picture. It is designed to get you to READ it. This is called using the VICTIM, and you are the VICTIM. But if you have a free mind you should STOP READING NOW because all we are attempting to do is to get you to read on. Yet this is a TRICK TRICK because if you indeed stop you'll be doing what we tell you, and if you read on you'll be doing what we've wanted all along. And the more you read on the more you're falling for this simple device of telling you exactly how a good commercial design works. They're TRICKS and this is the worst TRICK of all since it's describing the TRICK whilst trying to TRICK you, and if you've read this far then you've TRICKED but you wouldn't have known this unless you'd read this far. At least we're telling you directly instead of seducing you with a beautiful or haunting visual that may never tell you. We're letting you know that you ought to buy this record because in essence it's a PRODUCT and PRODUCTS are to be consumed and you are a consumer and this is a good PRODUCT. We could have written the band's name in special lettering so that it stood out and you'd see it before you'd read any of this writing and possibly have bought it anyway. What we are really suggesting is that you see PLEASURE to buy or not buy an album merely as a consequence of the design on its cover. This is a con because if you agree then you'll probably like this writing - which is the cover design - and hence the album inside. But we've just warned you against that. The con is a con. A good cover design could be considered as one that gets you to buy the record, but that never actually happens to YOU because YOU know it's just a



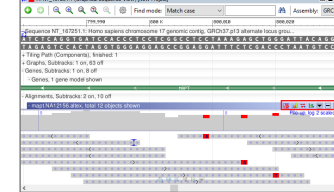
## IMAGING CORE



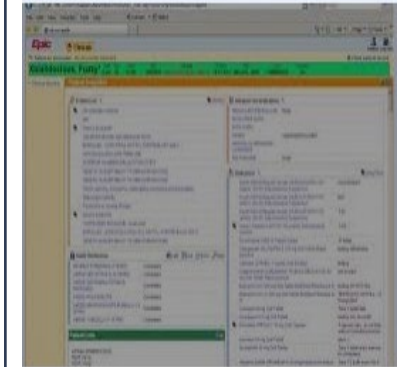
## PHYSIOLOGIC MONITORING CORE



## GENOMICS CORE



## IMPLEMENTATION CORE



Investments and partnerships to generate FAIR real-world data that inform decisions and improve outcomes

**THANK YOU**

[IRBDataRequest@ahc.ufl.edu](mailto:IRBDataRequest@ahc.ufl.edu)