

🌟 **Welcome to Your Journey
into the World of OMOP-CDM &
ATLAS!** ** 🌟

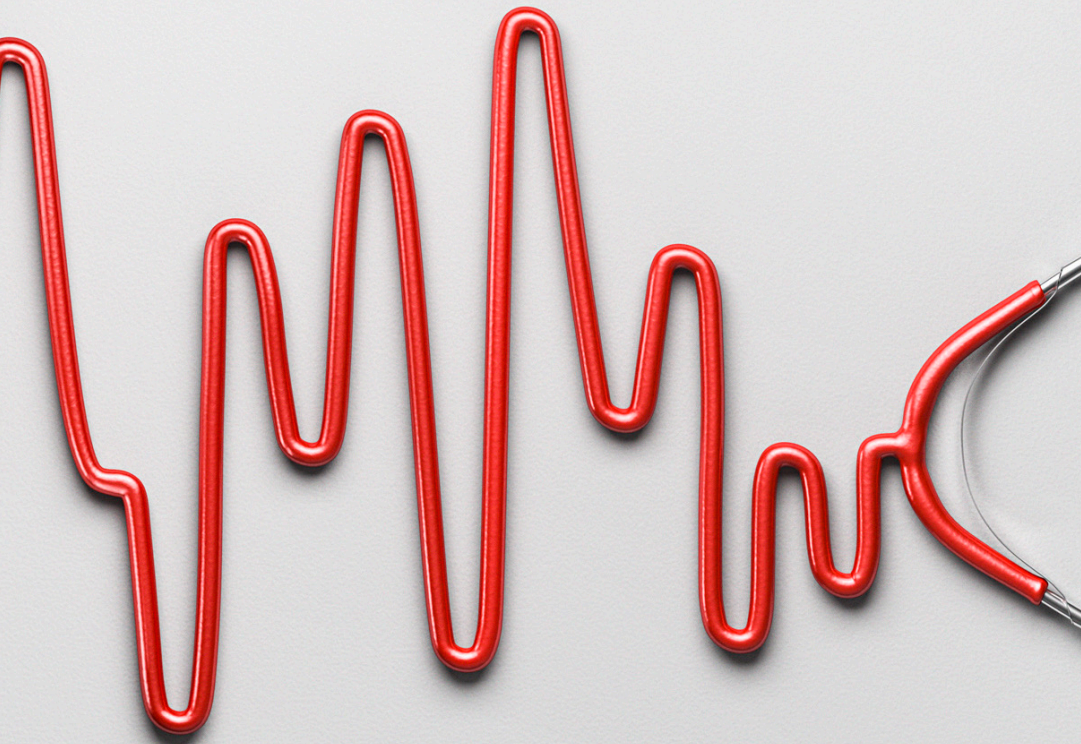
Delve into our video series, merging OMOP-CDM and ATLAS expertise, to illuminate data's potential in addressing crucial clinical concerns like Fluroquinolones' effect on aortic health.

Curated by top experts, this tutorial blends foundational insights with engaging content for an enlightening journey.



✨ **Educational Outcomes** ✨

1. **Comprehensive Understanding of OMOP-CDM and ATLAS Integration:** Learners will grasp how OMOP-CDM and ATLAS can be combined effectively.
2. **In-depth Insight into Fluroquinolones and Aortic Health:** Participants will understand Fluroquinolones' impact on aortic health, informed by expert-backed research.
3. **Enhanced Data Analytics Skills:** The series will boost learners' skills in healthcare data analysis and interpretation.
4. **Critical Evaluation of Clinical Data:** Viewers will hone their ability to critically assess clinical data.



 **Starting with Atlas? You're in the Right Place!**

If you're already familiar, feel free to skip to **Dive Deep into Clinical Research.**

 **Embark on the Atlas Adventure:**

Kick off with the essentials: [Intro to OHDSI Atlas](#)

Want a closer look at Atlas Concept sets? [Dive into the Concept](#)

Ready for more? Here's a curated step-by-step [Atlas Mastery Playlist](#)



🔍 ****Dive Deep into Clinical Research****
Step 1. 🎬 ****Discovering the Connection:****

- Fluroquinolones Antibiotics and the Risk of Aortic Aneurysm and Dissection*
- Presenter: Jack Janetzki, University of South Australia
- About: Begin your journey with a video that sets the stage by exploring the relationship between Fluroquinolones and aortic health.
- ****[Watch Here](#)****
- Full link
- https://www.youtube.com/watch?v=WvFBmKuLh7I&ab_channel=OHDSI



Step 2. 🤔 ****Frame Your Inquiry:****
How to Define a Clinical Question as
an OHDSI Study

- Presenter: Patrick Ryan
- About: Delve into the art of phrasing pertinent clinical questions, a pivotal step in any research undertaking.
- ****[Watch Here:](https://www.youtube.com/watch?v=cwF2Awah4tc&ab_channel=OHDSI)****
- Full link:
- https://www.youtube.com/watch?v=cwF2Awah4tc&ab_channel=OHDSI



Step 3. 🎯 ****Charting the Path:**** Defining Cohorts Workshop Using ATLAS

- Presenter: Seng Chan You
- About: Dive hands-on into ATLAS, learning to pinpoint and define the cohorts essential for your research.
- ****[Watch Here](#)****
- Full link:
- https://www.youtube.com/watch?v=Ee2FrUcQg6o&ab_channel=OHDSI



Step 4. 🛠️ ATLAS in Action: Atlas Demonstration: Fluroquinolone Concept Sets

- Presenter: Roger Ward, The University of Melbourne
- About: A deeper exploration into Atlas, revealing its potent tools and methodologies, specifically for Fluroquinolone Concept Sets.
- ****[Watch Here](#):****
- Full link:
- https://www.youtube.com/watch?v=taVSwDrQAgM&t=2s&ab_channel=OHDSI




Step 5. 🚀 ****Bringing It All Together:**** **Live Demo of Execution of a Characterization in R**

- Presenter: Jason Hse
- About: Witness real-time how insights are gleaned, and characterizations executed, using R.
- ****[Watch Here:](#)****
- Full link:
- https://www.youtube.com/watch?v=Q9pTmQmQ_uU&t=334s&ab_channel=OHDSI



Time for Some Hands-On Fun!

****Engage with the Atlas Server****

- Experience a live demonstration of all you've learned, applied on an actual ATLAS server.
-  ****[Access the ATLAS Server Here:](#)****
- [[Atlas Server Link](#)]
- **[Full link: http://34.148.35.102/](http://34.148.35.102/)**





What do the results mean?

- *Fluoroquinolone antibiotics have previously been linked to aortic dissections.*
- *However, our preliminary analysis of the OMOP datasets does not directly corroborate this association. It's important to note that these are initial findings.*
- ***For a more comprehensive understanding, the evidence should undergo peer review, and additional research is essential before drawing definitive conclusions.***



*What Now? *

- Learn more and gain certification
- Go to the **EHDEN academy**
- <https://academy.ehden.eu> 
- Explore real data from over 30 research centres in Europe
- Go to the **EHDEN Portal**
- <https://www.ehden.eu/ehden-portal/> 



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- ❖ Comments and suggestions: rward@unimelb.edu.au