

OHDSI Data Network in Action

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United Nations of OMOP (Our Global Network)

- 37 databases participating
 - Insurance claims, EHRs, Administrative data, Registries
 - 10 countries on 3 continents
- 8 databases with COVID+ patients (and growing)
- Everyone adopted OMOP CDMv5+





Executing 9 OHDSI network studies concurrently...





Expectation

Reality



Process for managing 9 OHDSI network studies concurrently





Mobilizing our action plan

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	Shiny	FEED NET COVI Case:	D Catholic D University	Maine Medic			eoul ational CCAE	CCAE	MDCR	MDCR	10		IQVIA DA	IQVIA Hospital	IQVIA US Open			Optum	Optum PANTHE	Vande t Synthe	rbil stic MDCD
Activity	Арр	HIRA (2	Tufts CLAF CUM Center	STARR-OM(Center	AUSOM K	KNUH WKUH C	DM (Janssen)	(UNM)	(Janssen)	(UNM)	IPC(IN	IRD France	Germany		Claims	CPRD	JMDC	DOD	R	SIDIAF Deriva	tive (Janssen)
Pre Work: File Protocol with Local IRB / G	0																				
Pre Work: Phenotype Evaluation		_					_														_
Cohort Diagnostics of Exposures: Covid19CohortEva	lu <u>https://dat</u>	a.ohdsi.org/C	ovid13CohortEvaluationExposures/																		
Characterization Runs	TBC	_																			
COVID-19 positive patients	TBC																				
Run Package																					
Share Results		-																			
COVID-19 +ve subgroup	TBC																				
Run Package																					
Share Results																					
Influenza, symptoms and complications	TBC																				
Run Package																					
Share Results																					
Invasive treatments for respiratory distress	TBC																				
Run Package																					
Share Results																					
COVID-19 testing	TBC																				
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Share Results																					
Prediction Studies	_																	_			
Hospitalization In Sent Home Patients (Internal Validat																					
Hospitalization In Sent Home Patients (External Valida	at _																				
Installing library into Rstudio																					
Check Cohort Counts																					
Run Package																					
Share Results in OHDSI SFTP																					
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Hospitalization In Symptomatic Patients (External Val Installing library into Rstudio	14 _							ગ		1											
Check Cohort Counts																					
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Results Published in Shiny App																					
Severe In Hospitalized Patients (Internal Validation)	-										_										
Severe In Hospitalized Patients (External Validation)	-																				
Installing library into Rstudio																					
Check Cohort Counts																					
Run Package																					

Thank you HIRA, AUSOM, Tufts, CUMC, Stanford, UC Denver, Vanderbilt, SIDIAP and Veteran's Affairs/VINCI!



A snapshot of our journey...

