## Cohort Definitions in OHDSI Phenotype Library

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## Contents

1 Introduction: 1

PhenotypeLibrary is part of HADES

## 1 Introduction:

This document shows a summary of changes to the Cohort Definitions in OHDSI Phenotype Library (Library) over various versions.

- Cohort Id: Id used by the Library to identify the cohort. This is guaranteed to be backward compatible and so may be referenced in OHDSI HADES packages and studies using a combination of version number and cohort id.
- Cohort Name: The name of the Cohort Definition
- Get Results: Is this part of the [ohdsi-studies/PhenotypeLibraryDiagnostics] (https://github.com/ohdsi-studies/PhenotypeLibraryDiagnostics) study package. If yes, then the results maybe found on data.ohdsi.org/PhenotypeLibrary
- Added Version: The version of the PhenotypeLibrary R package when the cohort definition was added.
- Added Date: The date the cohort was added. This is usually from atlas-phenotype.ohdsi.org when the source is atlas-phenotype.ohdsi.org
- Added Notes: Any notes entered by the OHDSI Phenotype Development and Evaluation Work group (work group) for this Cohort Definition. Deprecated Version: If there is an entry in this field it means the Cohort Definition is deprecated. It will have the version of PhenotypeLibrary when the Cohort Definition was deprecated.
- **Deprecated Date:** The date the Cohort was deprecated. This is usually from atlasphenotype.ohdsi.org when the source is atlasphenotype.ohdsi.org
- Deprecated Notes: Any notes from the Work group regarding deprecation. Updated Version: This field indicates the cohort definition has been modified. As a principle a Cohort Definition, once published to the OHDSI Phenotype Library is never updated or modified. This should be a rare occurrence, for situations like human accidental errors.
- Updated Date: The date the Cohort was updated.
- Updated Notes: Any notes from the Work group regarding update.

```
camelCaseToTitleCase <- function(string) {
   errorMessages <- checkmate::makeAssertCollection()
   checkmate::assertCharacter(string, add = errorMessages)
   checkmate::reportAssertions(collection = errorMessages)

string <- gsub("([A-Z])", " \\1", string)
   string <- gsub("([a-z])([0-9])", "\\1 \\2", string)
   substr(string, 1, 1) <- toupper(substr(string, 1, 1))
   return(string)
}

report <- PhenotypeLibrary::getPhenotypeLog()
   colnames(report) <- camelCaseToTitleCase(colnames(report))
   opts <- options(knitr.kable.NA = "", format = "latex", escape = TRUE)
   knitr::kable(x = report)</pre>
```

		Get	Added	Deprec	cated		Updated			
Cohe	ort	Re-	Ver-	AddedAddedVer-	Depreca	Deedpred	-		tedpdated	
$\operatorname{Id}$	Cohort Name	sults	sion	Date Notes sion		Notes	sion	_	Notes	
2	COVID-19 diagnosis or	No	3.1.0	2022-						
	SARS-CoV-2 test (1pos)			07-						
	(3Ps, 7Era)			06						
3	Cough (3Ps, 30Era)	Yes	3.1.0	2022-						
				07-						
				06						
4	Diarrhea (7Ps, 30Era)	Yes	3.1.0	2022-						
	, , ,			07-						
				06						
5	Dyspnea (14Pe, 30Era)	Yes	3.1.0	2022-						
	, , , ,			07-						
				06						
6	Fever (3Pe, 30Era)	Yes	3.1.0	2022-						
				07-						
				06						
7	Headache, Migraine,	Yes	3.1.0	2022-						
	Neurologic pain (7Pe, 30Era)			07-						
	( · · · · · · · · · · · · · · · · · · ·			06						
8	Anosmia OR Hyposmia OR	Yes	3.1.0	2022-						
O	Dysgeusia (7Ps, 180Era)	100	0.1.0	07-						
	Dyogodola (115, 100Ela)			06						
9	Sore throat (7Pe, 30Era)	Yes	3.1.0	2022-						
5	Soft timoat (11 c, sollia)	105	0.1.0	07-						
				06						
10	Nausea or Vomiting (3Pe,	Yes	3.1.0	2022-						
10	30Era)	105	0.1.0	07-						
	50Lia)			06						
11	Malaise or fatigue (3P,	Yes	3.1.0	2022-						
11		168	5.1.0	07-						
	30Era)			06						
10	Dhinitis or common cold	Voc	2 1 0	2022-						
12	Rhinitis or common cold	Yes	3.1.0							
	(7P, 30Era)			07-						
				06						

	Cohort		Added	-			Upda		
			Ver-	AddedAddedVer-	Depreca <b>Deo</b> prec			-	tedpdate
Id	Cohort Name	sults	sion	Date Notes sion	Date	Notes	sion	Date	Notes
13	Myalgia (not including	Yes	3.1.0	2022-					
	secondary causes) (3Pe,			07-					
	30Era)			06					
14	Myalgia (3Pe, 30Era)	No	3.1.0	2022-					
				07-					
				06					
15	Exposure to Viral Disease	No	3.1.0	2022-					
	(7Pe, 30Era)			07-					
				06					
16	Exposure to SARS-Cov 2	No	3.1.0	2022-					
	and coronavirus (7Pe, 30Era)			07-					
	7.77			06					
17	Exposure to SARS-Cov 2	No	3.1.0	2022-					
	(7Pe, 30Era)			07-					
4.0	26.14.1.7.0	* *	0.4.0	06					
18	Multiple Inflammatory	Yes	3.1.0	2022-					
	Syndrome (30Pe, 30Era)			07-					
10	D : (14D 20E )	3.7	0.1.0	06					
19	Pneumonia (14Pe, 30Era)	Yes	3.1.0	2022-					
				07- 06					
20	Dranskitis (14Ds 00Ers)	Voc	210	2022-					
20	Bronchitis (14Pe, 90Era)	Yes	3.1.0	07-					
				06					
21	Acute respiratory distress	Yes	3.1.0	2022-					
21	syndrome (ARDS) or Acute	105	5.1.0	07-					
	Respiratory Failure (3Pe,			06					
	30Era)			00					
22	SARS-CoV-2 testing (1Ps,	No	3.1.0	2022-					
	0Era)	1.0	0.1.0	07-					
	0210)			06					
23	Hospitalization (1Pe, 30Era)	Yes	3.1.0	2022-					
	1105[110112011011 (11 0, 00210)	100	3.1.0	07-					
				06					
24	Emergency room visits (0Pe,	Yes	3.1.0	2022-					
	0Era)			07-					
	,			06					
25	All cause mortality	Yes	3.1.0	2022-					
	v			07-					
				06					
26	Asthma or Chronic	Yes	3.1.0	2022-					
	obstructive pulmonary			07-					
	disease (COPD) (FP)			06					
27	Asthma without COPD (FP)	Yes	3.1.0	2022-					
	, ,			07-					
				06					
28	Chronic obstructive	Yes	3.1.0	2022-					
	pulmonary disease (COPD)			07-					
	without asthma (FP)			06					

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Coho		Re-	Ver-	AddedAddedVer-		ecaDeeprecaVeer-	Updatedpdated
Id	Cohort Name	sults	sion	Date Notes sion	Date	Notes sion	Date Notes
29	Autoimmune condition (FP)	Yes	3.1.0	2022-			
				07-			
20	Tuboroulogia (FD)	Yes	3.1.0	06 2022-			
30	Tuberculosis (FP)	res	5.1.0	07-			
				06			
31	Malignant neoplasm	Yes	3.1.0	2022-			
01	excluding non-melanoma	100	3.1.0	07-			
	skin cancer (FP)			06			
32	Obesity (FP)	Yes	3.1.0	2022-			
	,			07-			
				06			
33	Dementia (FP)	Yes	3.1.0	2022-			
				07-			
	(77)			06			
34	Hypertension (FP)	Yes	3.1.0	2022-			
				07-			
35	Chronic kidney disease (FP)	Yes	3.1.0	06 2022-			
39	Chromic kidney disease (FP)	res	5.1.0	07-			
				06			
36	Human immunodeficiency	Yes	3.1.0	2022-			
90	virus infection (FP)	105	0.1.0	07-			
	( )			06			
37	Hepatitis C (FP)	Yes	3.1.0	2022-			
	. ,			07-			
				06			
38	Heart disease (FP)	Yes	3.1.0	2022-			
				07-			
0.0		3.7	0.1.0	06			
39	End stage renal disease (FP)	Yes	3.1.0	2022-			
				07- 06			
40	Diabetes Mellitus Type 2	Yes	3.1.0	2022-			
40	(FP)	105	5.1.0	07-			
				06			
41	Chronic kidney disease broad	Yes	3.1.0	2022-			
	(FP)			07-			
				06			
42	End stage renal disease	Yes	3.1.0	2022-			
	broad (FP)			07-			
				06			
43	Tuberculosis broad (FP)	Yes	3.1.0	2022-			
				07-			
4.4	COVID 10 diamenia (2Da	No	210	06			
44	COVID-19 diagnosis (3Pe,	No	3.1.0	2022- 07-			
	7Era)			06			
45	COVID-19 diagnosis with	No	3.1.0	2022-			
10	SARS-Cov-2 test (-3d to 3d)	-10	3.1.0	07-			
	(3Pe, 21Era)			06			

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	Cohort		-					opreca <b>v</b> oer-	Updatedpdated
Id	Cohort Name	sults	sion	Date Notes sion	Date No	otes sion	Date Notes		
46	COVID-19 diagnosis and	No	3.1.0	2022-					
	SARS-CoV-2 test (1pos)			07-					
	within 3d (3Pe, 21Era)			06					
47	COVID-19 diagnosis and	No	3.1.0	2022-					
	SARS-CoV-2 test (1pos)			07-					
	(0neg) within 3d (3Pe,			06					
	21Era)								
48	COVID-19 diagnosis and	No	3.1.0	2022-					
	SARS-CoV-2 test (0pos upto			07-					
	3d, 1neg within 3d) (3Pe,			06					
	7Era)								
51	SARS-CoV-2 test positive	No	3.1.0	2022-					
	result (0Ps, 0Era)			07-					
				06					
52	SARS-CoV-2 test negative	No	3.1.0	2022-					
	result (0Ps, 0Era)			07-					
				06					
53	SARS-CoV-2 test positive or	No	3.1.0	2022-					
	negative result - keep persons			07-					
	with positive (0Ps, 0Era)			06					
54	Febrile seizure (1Ps, 0Era)	Yes	3.1.0	2022-					
				07-					
				06					
55	COVID-19 diagnosis or	Yes	3.1.0	2022-					
	SARS-CoV-2 test (1pos)			07-					
	(3Ps, 21Era)			06					
56	SARS-CoV-2 test $(1pos)$ or	No	3.1.0	2022-					
	COVID-19 diagnosis with (0			07-					
	neg -3d to 3d) (3Ps, 21Era)			06					
57	Bleeding (1Ps, 30Era)	Yes	3.1.0	2022-					
				07-					
				06					
58	SARS-CoV-2 test positive	No	3.1.0	2022-					
	result (3Ps, 21Era)			07-					
				06					
59	COVID-19 diagnosis with no	No	3.1.0	2022-					
	SARS-CoV-2 test (3Ps,			07-					
00	21Era)	3.7	0.1.0	06					
60	SARS-CoV-2 test positive	No	3.1.0	2022-					
	and negative result (0Ps,			07-					
01	0Era)	3.7	0.1.0	06					
61	Bradycardia or heart block	Yes	3.1.0	2022-					
	with inpatient admission			07-					
eo	(1Pe, 30Era)	37	2.1.0	06					
62	Generalized Seizure (1Ps,	Yes	3.1.0	2022-					
	0Era)			07-					
co	The second 1111 /	37	0.1.0	06					
63	Transverse myelitis (or	Yes	3.1.0	2022-					
	symptoms with transverse			07-					
	myelitis) 365dWO (1Ps,			06					
	0Era $)$								

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Id	Cohort Name	sults	sion	Date Notes sion	Date	Notes	sion	Date Notes		
64	Flu-like symptoms (3P,	Yes	3.1.0	2022-						
	30Era)			07-						
				06						
65	Acute pancreatitis with	Yes	3.1.0	2022-						
	inpatient admission (3Pe,			07-						
cc	30Era)	37	210	06						
66	Acute renal failure with inpatient admission (3Pe,	Yes	3.1.0	2022- 07-						
	30Era)			06						
67	Hepatic failure with	Yes	3.1.0	2022-						
01	inpatient admission (3Pe,	105	5.1.0	07-						
	30Era)			06						
68	Heart failure with inpatient	Yes	3.1.0	2022-						
	admission (3Pe, 30Era)		91219	07-						
	, , ,			06						
69	Angioedema with inpatient	Yes	3.1.0	2022-						
	admission (7Ps, 30Era)			07-						
				06						
70	Stroke (ischemic or	Yes	3.1.0	2022-						
	hemorrhagic) with inpatient			07-						
	admission (7Ps, 30Era)			06						
71	Acute myocardial infarction	Yes	3.1.0	2022-						
	with inpatient admission			07-						
70	(7Ps, 180Era)	3.7	0.1.0	06						
72	Influenza (narrow) (7Pe,	Yes	3.1.0	2022-						
	90Era)			07- 06						
73	Pregnancy (270P, 0Era)	Yes	3.1.0	2022-						
10	regnancy (2701, 0121a)	168	3.1.0	07-						
				06						
74	Hemorrhagic stroke	Yes	3.1.0	2022-						
, -	(intracerebral bleeding) with		91219	07-						
	inpatient admission (7Ps,			06						
	180Era)									
75	Ischemic stroke with	Yes	3.1.0	2022-						
	inpatient admission (7Ps,			07-						
	180Era)			06						
76	Transient ischemic attack	Yes	3.1.0	2022-						
	with inpatient admission			07-						
	(7Ps, 30Era)			06						
77	Gastrointestinal bleeding	Yes	3.1.0	2022-						
	with inpatient admission			07-						
70	(7Ps, 30Era)	$\mathbf{V}_{\alpha\alpha}$	210	06						
78	Cardiac arrhythmia with inpatient admission (1Pe,	Yes	3.1.0	2022- 07-						
	30Era)			06						
79	Dialysis with inpatient	Yes	3.1.0	2022-						
	admission (1Ps, 7Era)	105	0.1.0	07-						
	(11 0, 1210)			06						

		Get	Added	-			Updat	
Cohe Id	ort Cohort Name	Re- sults	Ver- sion	AddedAddedVer- Date Notes sion	Depre Date	eca <b>Dee</b> pred Notes	a <b>t</b> eetr- sion	Updatedpdated Date Notes
					Date	Notes	SIOII	Date Notes
80	Extracorporeal Membrane	Yes	3.1.0	2022-				
	Oxygenation with inpatient			07-				
81	admission (1Ps, 30Era) Cesarean section (7Pe,	$\mathbf{V}_{oc}$	3.1.0	06 2022-				
01	180Era)	Yes	3.1.0	07-				
	180E1a)			06				
82	Intensive services during	Yes	3.1.0	2022-				
02	hospitalization (1Ps, 30Era)	100	0.1.0	07-				
	( )			06				
84	SARS-CoV-2 test (1pos) or	Yes	3.1.0	2022-				
	COVID-19 diagnosis with			07-				
	(1pos or 0 neg 0d to 3d)			06				
	(3Ps, 180Era)							
85	SARS-CoV-2 test $(1pos)$ or	No	3.1.0	2022-				
	COVID-19 diagnosis with			07-				
	(1pos or 0 neg 0d to 3d)			06				
0.0	(3Ps, 21Era)	3.7	0.1.0	2022				
86	SARS-CoV-2 test positive or	No	3.1.0	2022-				
	negative result (0Ps, 0Era)			07- 06				
87	SARS-CoV-2 test (1Ps,	No	3.1.0	2022-				
01	0Era)	110	5.1.0	07-				
	olia)			06				
95	Delirium (FP)	Yes	3.1.0	2022-				
	201111111 (11)	100	3.2.0	07-				
				06				
123	First event of Suicide	Yes	3.1.0	2022-				
	attempt, including injuries			07-				
	and poisonings with			06				
	undetermined, 365 days							
189	Right Upper Quadrant Pain	Yes	3.1.0	2022-				
	(Pe1, 3Era)			07-				
100	All : 1D: 4 : (D.1	3.7	9.1.0	06				
190	Abdominal Distension (Pe1,	Yes	3.1.0	2022-				
	$7\mathrm{Era})$			07- 06				
191	Fatigue, Malaise, Lethargy,	Yes	3.1.0	2022-				
101	Anorexia (Pe1, 1Era)	105	0.1.0	07-				
	Timerema (1 e1, 121a)			06				
192	Nausea or Vomiting (Pe1,	Yes	3.1.0	2022-				
	7Era)			07-				
				06				
193	Jaundice or Itching (Pe1,	Yes	3.1.0	2022-				
	7Era)			07-				
404	<b></b>	<b>T.</b>	2.4.0	06				
194	Encephalopathy or its	Yes	3.1.0	2022-				
	presentations (Pe1, 7Era)			07-				
105	Urothelial bladder cancer	Vog	3.1.0	06 2022-				
195	(FP)	Yes	0.1.0	2022- 07-				
	(11)			06				
				00				

			Added	Deprec	cated		Updated			
Cohe	ort	Re-	Ver-	AddedAddedVer-	Depreca <b>Dee</b> prec		ca <b>l/eet</b> -	Upda	pdatedpdated	
$\operatorname{Id}$	Cohort Name	sults	sion	Date Notes sion	Date	Notes	sion	Date	Notes	
196	Rheumatoid arthritis (FP)	Yes	3.1.0	2022-						
				07-						
				06						
197	Coronary Artery Disease	Yes	3.1.0	2022-						
	from vessel disease to			07-						
	ischemic injury (FP)			06						
198	Crohns disease (FP)	Yes	3.1.0	2022-						
	,			07-						
				06						
199	Major Depressive Disorder	Yes	3.1.0	2022-						
	(FP)			07-						
	` '			06						
200	Plaque psoriasis (FP)	Yes	3.1.0	2022-						
				07-						
				06						
201	Ulcerative colitis (FP)	Yes	3.1.0	2022-						
	,			07-						
				06						