

FEEDER-NET



Federated E-health Big Data for Evidence Renovation Network



Ministry of Trade,
Industry and Energy



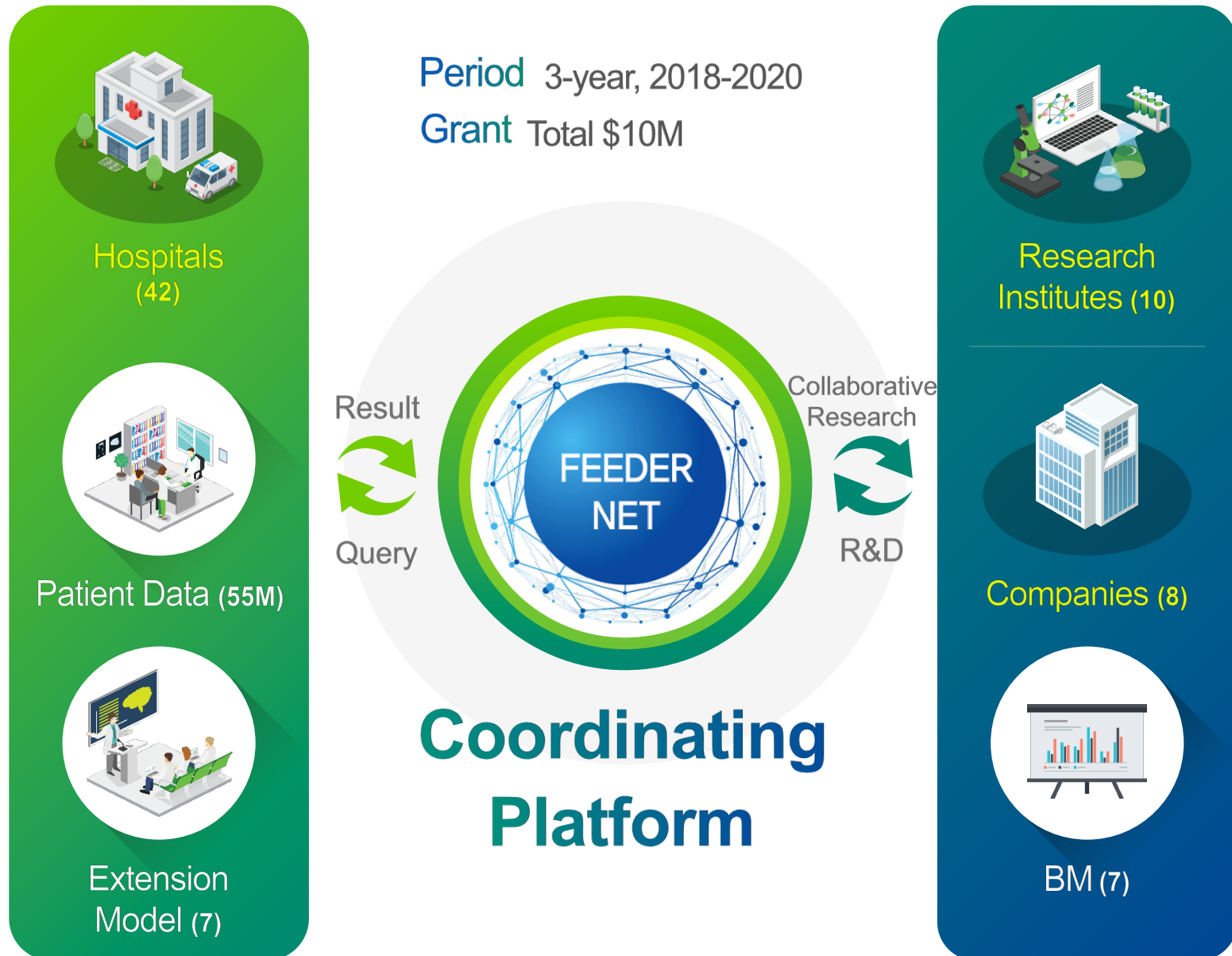
아주대학교
AJOU UNIVERSITY



OHDSI
Observational Health Data Science and Informatics



Project Outline



≥ 42 Tertiary or teaching Hospitals



Status of Korean OHDSI Network



No	Name	Beds	# Patients	Period	DB
1		1,975	3,734,106	1994.11 ~ -present	MS-SQL
2		700	2,989,760	2003.03 ~ -present	ORACLE
3		1,048	2,100,000	2001.09.08 ~ -present	ORACLE
4		844	2,087,000	2010. 12. 1 ~ -present	Sybase
5		1,054	1,979,687	2002.03.01 ~ -present	ORACLE
6		850	1,945,075	2000.08.01 ~ -present	CACHE
7		802	1,700,000	2000.01.01 ~ -present	ORACLE
8		620	1,662,083	1995.06.01 ~ -present	SYBASE
9		854	1,321,151	2005.08.01 ~ -present	ORACLE
10		727	1,300,000	2003. 05. 01 ~ -present	ORACLE
11		1400	806,000	2008.04.01 ~ -present	Tibero
12		665	763,916	2006.03.10 ~ -present	ORACLE
13		494	850,000	2000.07.01 ~ -present	ORACLE
14		3,362			
15		810	6,000,000	2005.11 ~ -present	MS-SQL
16		150			
17		1,179	2,900,000	1994.04.01 ~ -present	ORACLE
18		710	1,387,837	2001.12.1 ~ -present까지	ORACLE
19		938	1,200,000	2001. 02. 01 ~ -present	ORACLE
20		650	750,000	2005.07.01 ~ -present	ORACLE
21		850	500,000	2006. 03. 01 ~ -present	ORACLE
22		893	1,900,000	1996.04.01 ~ -present	Cache
23		1400	1,770,000	1999.01.01 ~ -present	SYBASE
24		851	1,432,298	2003.05.01 ~ -present	SYBASE
25		680	510,000	2003.01.01 ~ -present	MS-SQL
26		899	1,300,000	2006. 07. 01 ~ -present	ORACLE
27		846	1,000,000	2000.02 ~ -present	ORACLE
28		1238	1,471,331	1998.05.18 ~ -present	ORACLE
29		746	1,300,000	2004.12.01 ~ -present	ORACLE
30		767	780,000	1998.10.01 ~ -present	ORACLE
31		420	523,559	2004.01.01 ~ -present	ORACLE
32		274	71,827	1998.01.01 ~ -present	ORACLE
33		85	25,670	2015.04.24 ~ -present	ORACLE
34		333	1,100,000	2007. 06. 01 ~ -present	ORACLE
35		365	643,862	1991.10.01 ~ -present	ORACLE
36		951			
37		672	2,004,761	1997.01.01 ~ -present	ORACLE
38		1,310	1,735,340	1994.01.01 ~ -present	ORACLE
39		854	1,640,000	2002.08.01 ~ -present	ORACLE
		34,266	55,185,263		

IRB Review Model in OHDSI Korea

IRB will control

- Internal researcher is involving the study as author / co-authors
- Most of the studies may be exempted for IRB review, if the studies use the CDM in pseudonymized / anonymized manner

IRB will not control or concern the study

- Research study consisting only of researchers from other institutions
- Only internal administrative process will be applied
- Study leader may have to receive IRB review or review exemption from their own institutions to apply.



전북대학교병원
CHONBUK NATIONAL UNIVERSITY HOSPITAL



아주대학교병원
Ajou University Hospital

Future Plan in OHDSI Korea

New
projects

New research projects on CDM start at 2019

Budget

Four-year government grant

Future Plan in OHDSI Korea

National CDM

Build up a national CDM data platform using government owned public health data

Researcher Support

Support researchers to use the government owned CDM for public purpose

New Data Partners

Enroll secondary hospitals as data partner :
> 40 – 80 hospitals

Business Support

Support companies to develop new business model using the CDM data platform