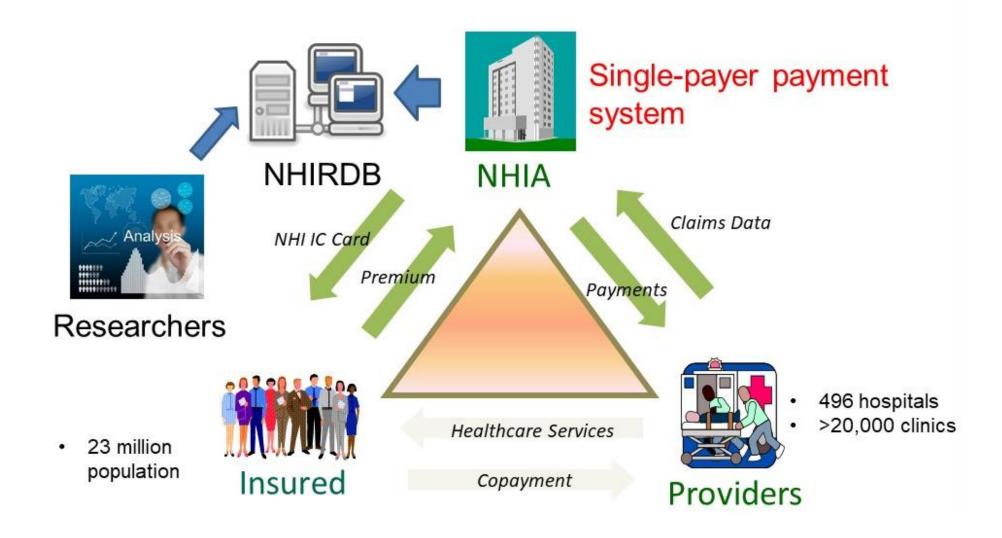


Harmonization of Taiwan's Health Databases with CDMs

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journal homepage: www.intl.elsevierhealth.com/journals/cmpb

Building a National Electronic Medical Record Exchange System – Experiences in Taiwan



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HL7 CDA R2

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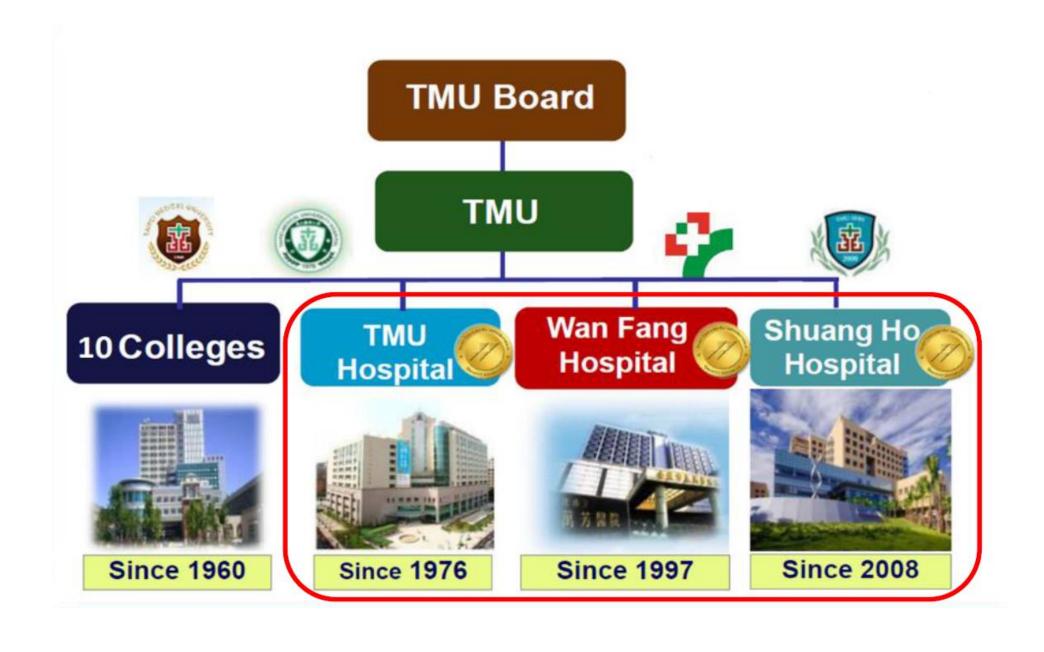
DOI: 10.1002/pds.5168

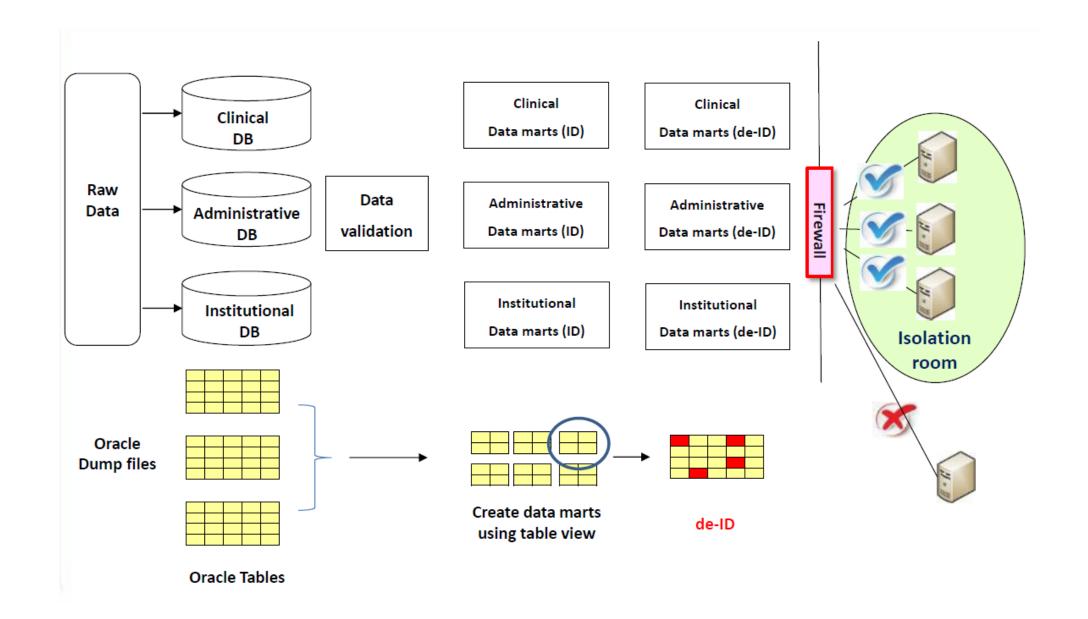
BRIEF REPORT

WILEY

Building an active medical product safety surveillance system in Taiwan: Adaptation of the U.S. Sentinel System common data model structure to the National Health Insurance Research Database in Taiwan

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Original Investigation | Cardiology

Analysis of Dual Combination Therapies Used in Treatment of Hypertension in a Multinational Cohort

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JAMA Network Open (IF: 13.35)





A Mapping Example



COVID-19 Data Element	Sentinel CDM	PCORnet CDM	I2b2/ACT CDM	ОМОР	CDISC SDTM + COVID-19 Companion Guide	USCDI + HL7 FHIR R4	VA EHR-S
Treatment setting (e.g., hospital, clinic, inpatient, outpatient)	ENCOUNTER.EncType (6333690)		VISIT.Visit_type (6333697)	VISIT_OCCURRENCE.vi sit_concept_id (6381648) VISIT_OCCURENCE.visi t_type_concept_id (6422451)		Organization.typ e OR Location.type	Outpat and Inp records has VIS and StationID Then, cross wa with dimension table to figure out facility info



FHIR Use Cases

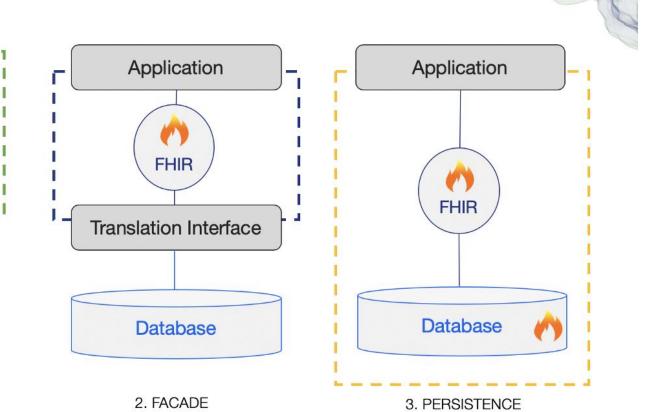
FHIR

Integration Engine

1. EXCHANGE

v3

v2



FHIR Scope