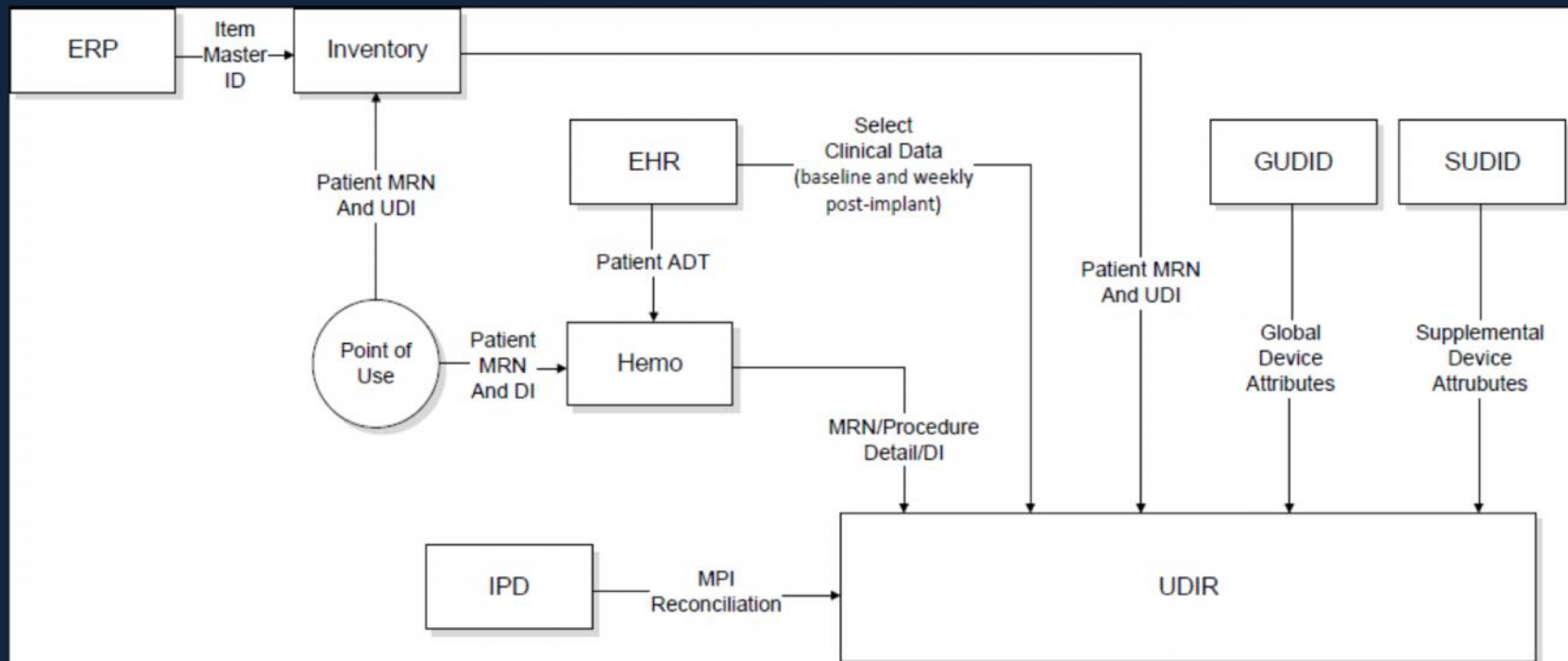


RAPID/BUILD: Leveraging Synergies

Joseph P. Drozda, Jr., M.D., F.A.C.C.
Director of Outcomes Research
Mercy

Mercy Device Data Flows



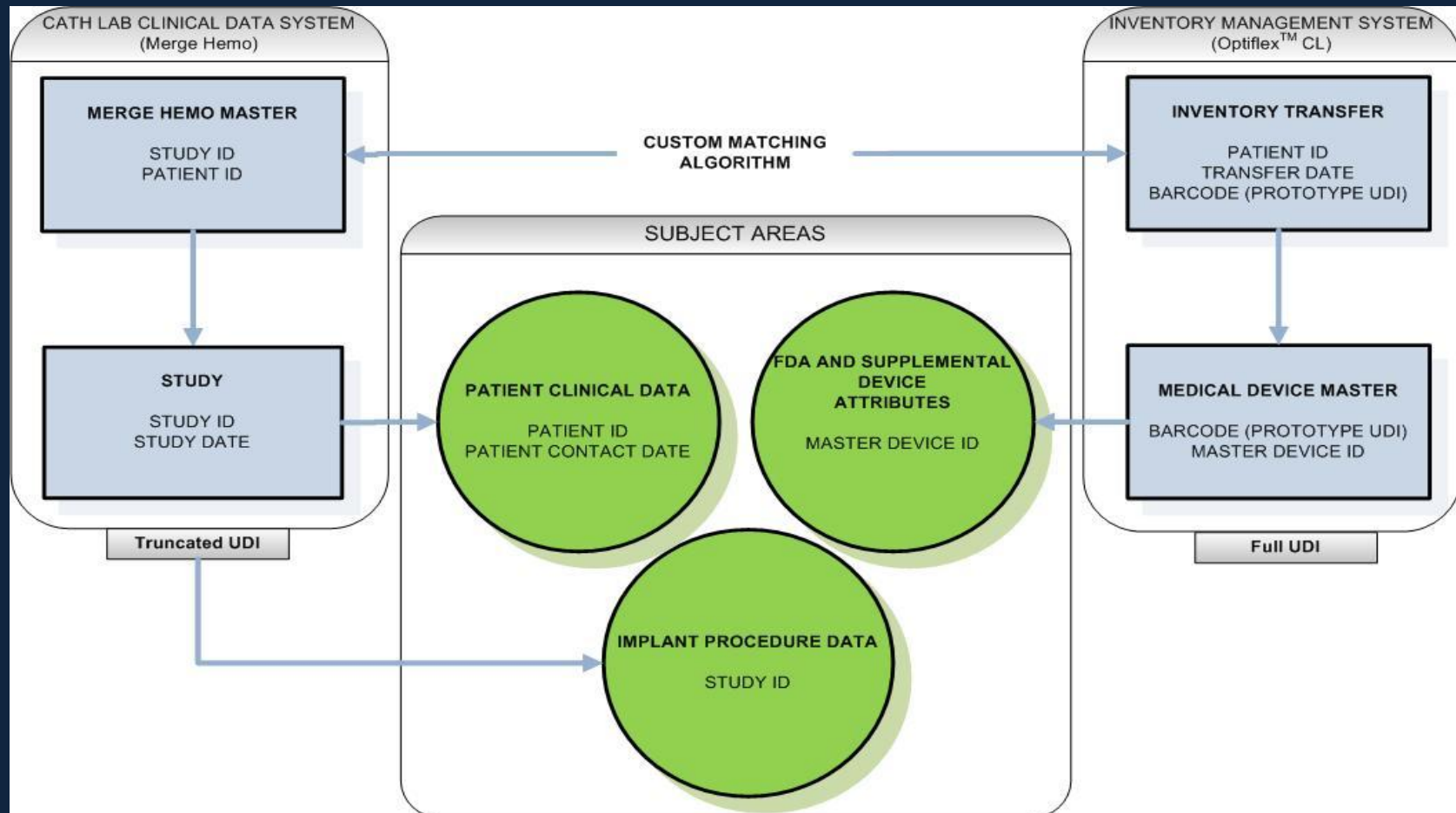
Glossary:

ADT = Admit/Discharge/Transfer
 DI = Device Identifier
 EHR = Electronic Health Record
 ERP = Enterprise Resource Planning

GUDID = Global UDI Database
 Hemo = Cath Lab Clinical Data System
 IPD = Integrated Patient Datamart
 MPI = Master Patient Index

MRN = Medical Record Number
 SUDID = Supplemental UDI Database
 UDI = Unique Device Identifier
 UDIR = UDI Research Database

The UDI Research Database (UDIR)



Building UDI Into Longitudinal Data for Surveillance and Research (BUILD)

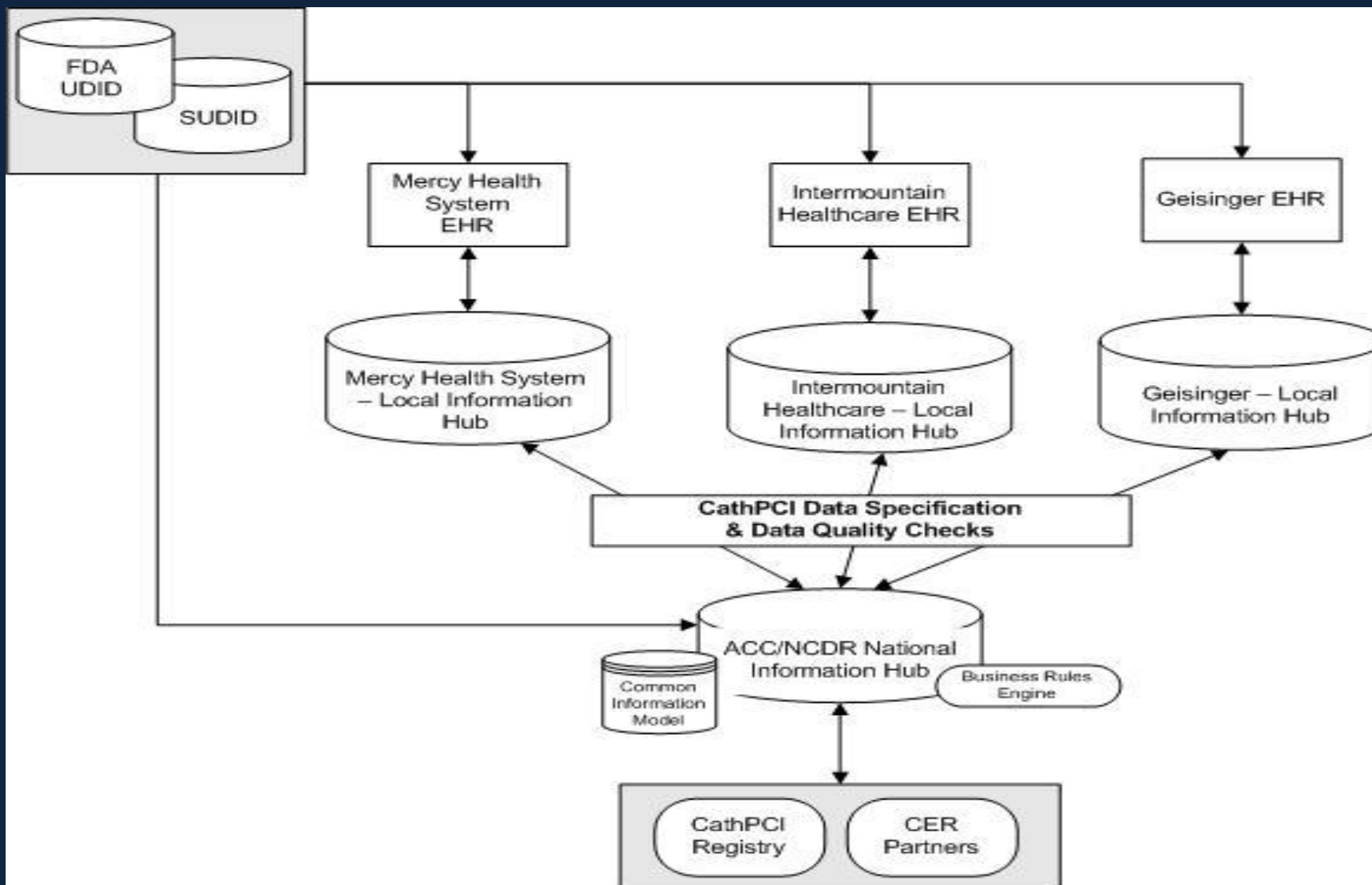
Lead Investigators: Joseph P. Drozda, Jr. (Mercy) & James E. Tcheng (Duke)

Sub-project Principal Investigators: Jove Graham (Geisinger), J. Brent Muhlestein (Intermountain), Natalia Wilson (Arizona State), David Slotwiner (Weill Cornell)

Components of BUILD

- Extension of UDI Implementation Pilot
- Electrophysiology structured reporting providing UDI for Leads and devices using industry Standards to Electronic Health Records and CVIS systems (EPulse)
- Medical Device Data Capture and Exchange: Leading Practices and Future Directions

The BUILD Distributed Data Network



Areas of RAPID/BUILD Overlap

- Initiative partners (ACC/NCDR, FDA)
- Participating manufacturers (Abbott, Boston Scientific, Cook)
- Key EHR vendor (Epic)
- Medical devices (Stents)
- GUDID integration tasks
- Informatics (Data elements & definitions, CDM)
- Clinically meaningful “supplemental” attributes
- **Need for funding**

Leveraging Synergies

- Liaison (BUILD PI on RAPID leadership calls)
- Shared investigators
 - ❖ Terrie Reed
 - ❖ Jimmy Tcheng
- Approach to Epic on UDI
- Methodology for capturing Access GUDID attributes
- Common informatics strategies
- Selection of clinically meaningful attributes and population of SUDIDs
- Approach to industry and sources of funding