

# Patient-Generated Health Data

webOMR Steering Committee Meeting

8/5/2015

# Definition

- PGHD are health-related data—including **health history, symptoms, biometric data, treatment history, lifestyle choices, and other information**—created, recorded, gathered, or inferred by or from patients to help address a health concern.

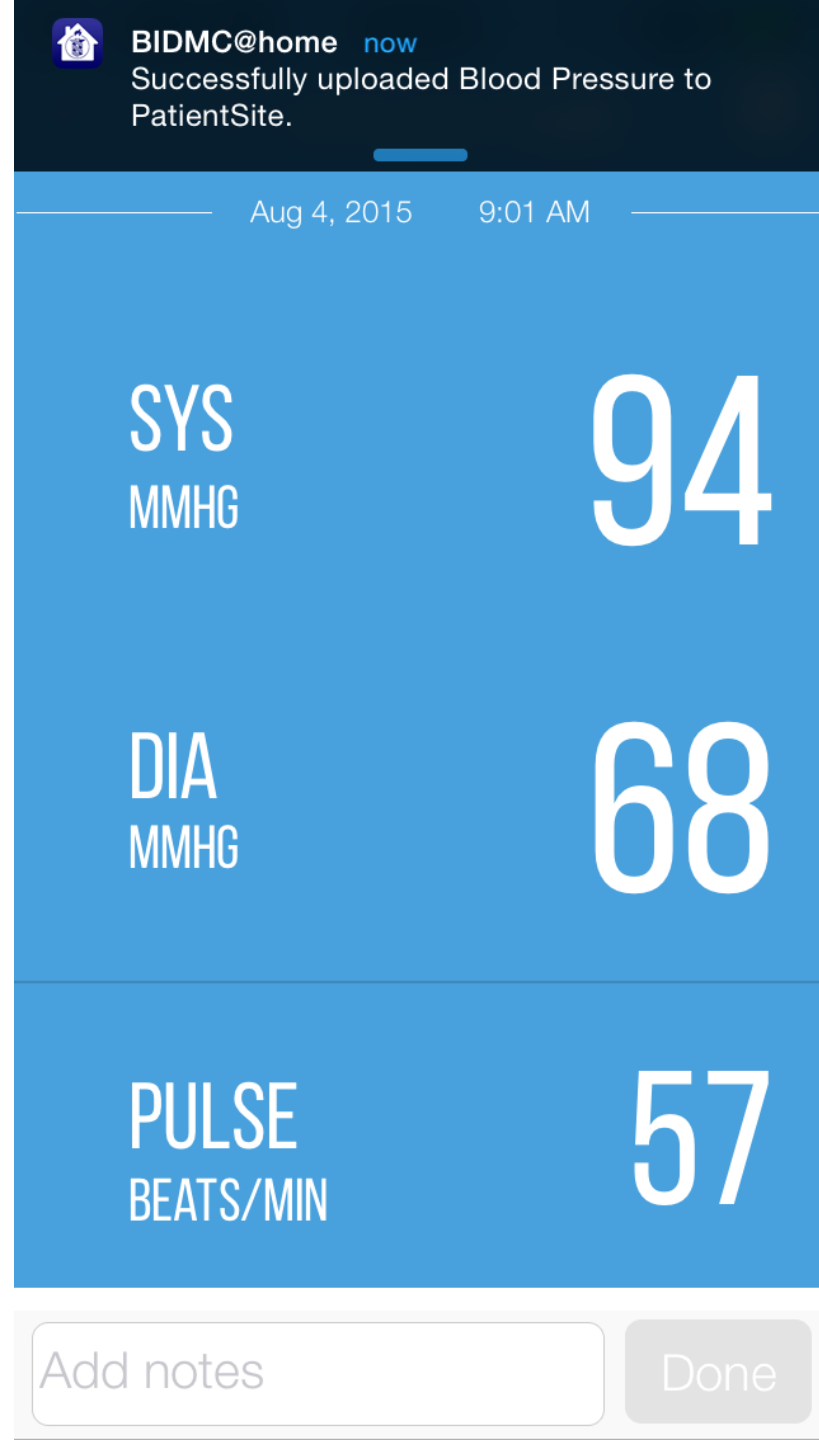
# Definition

- PGHD are distinct from data generated in clinical settings and through encounters with providers in important ways.
  - Patients, not providers, are primarily responsible for capturing or recording these data.
  - Patients direct the sharing or distributing of these data
  - PGHD complement provider-directed capture and flow of health-related data across the health care system.

# Applications

- Patient Reported Outcomes\*
- Medical History\*
- Physiologic Data Monitoring

\* In use or testing



# Policy/Guidance For Use

- Process:
  - Group through Health Information Management explored use cases, issues, and processes.
  - Focus on higher-level concepts rather than implementation details.

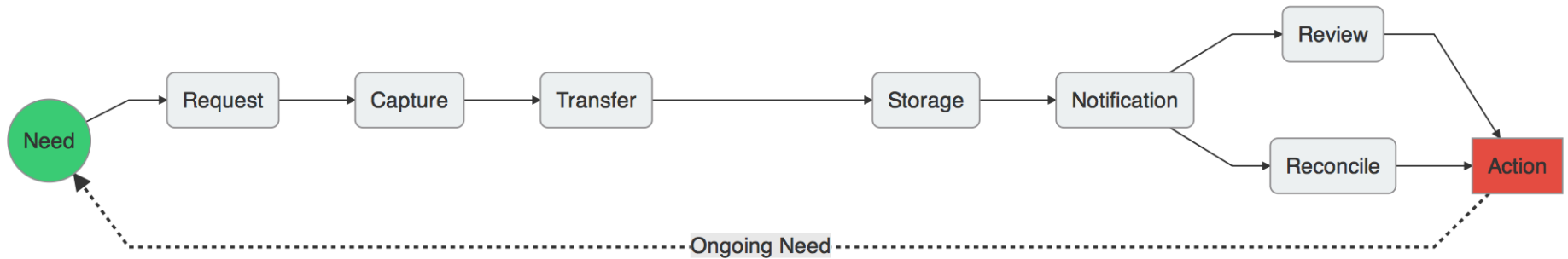
# Data Governance

- Patients providing data to BIDMC consent to the data being stored, managed, and used as part of the patient medical record.
- PGHD data are subject to the same privacy policies as clinical data stored in the patient medical record.  
(PV-04 Confidentiality, ADM-04 BIDMC IS Data Security)

# Using Data For Clinical Decisions

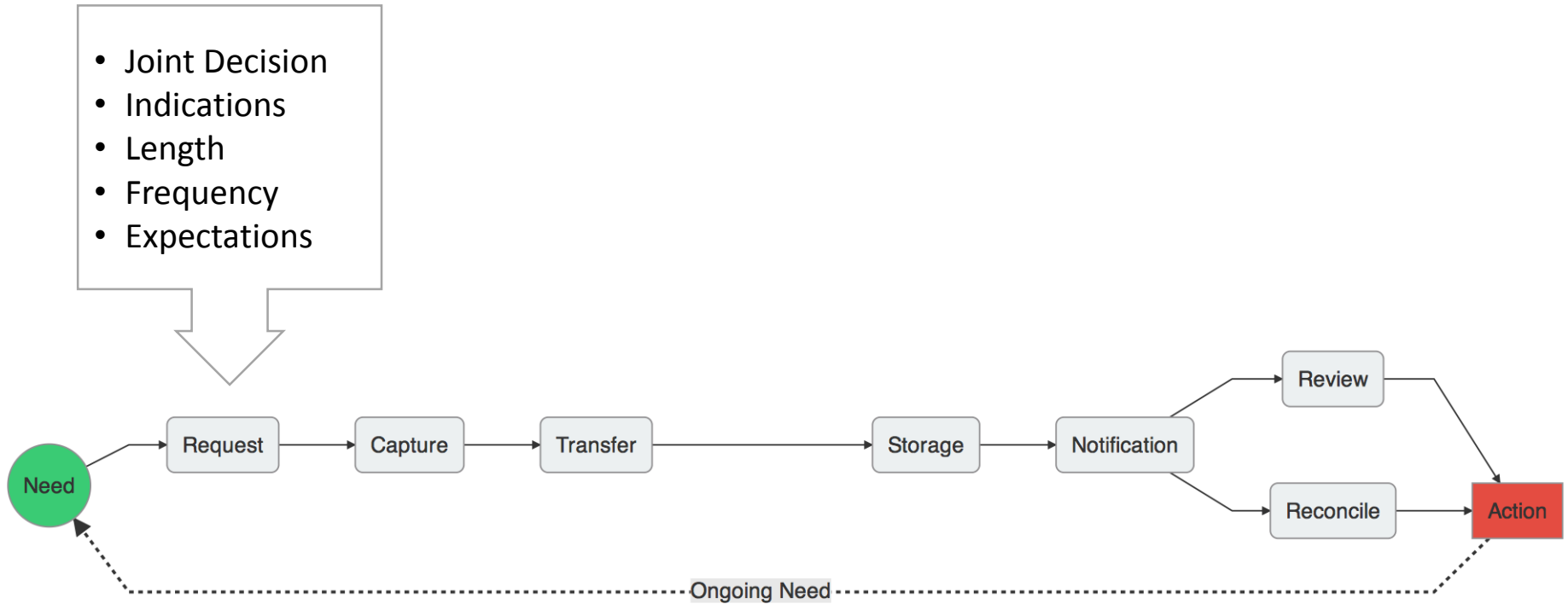
- Clinicians may use PGHD to guide treatment decisions, similarly to how they would use data collected and recorded in traditional clinical settings.
- Judgment should be exercised when electronic data from consumer health technologies is discordant with other data.

# Process For Obtaining and Using Patient-Generated Data



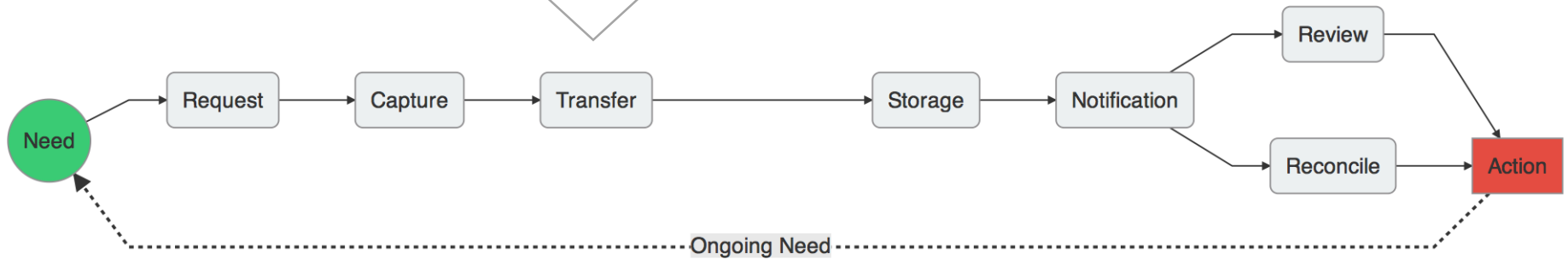


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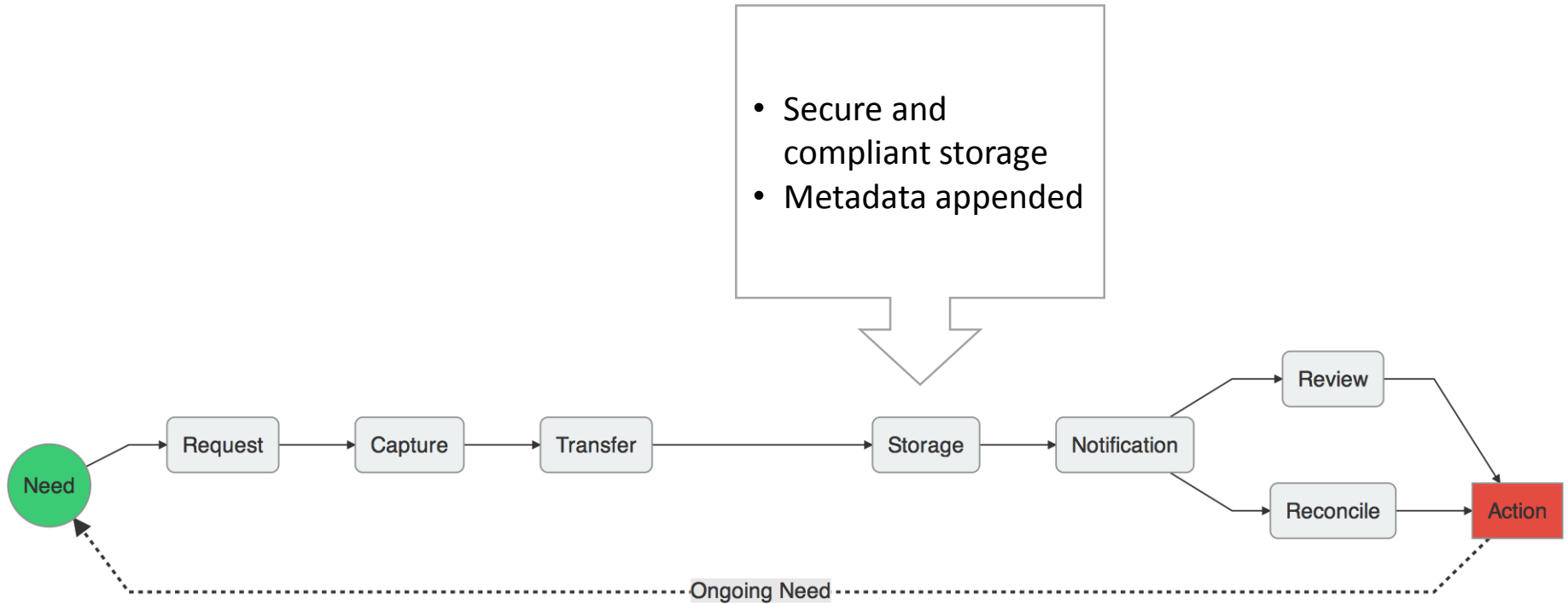


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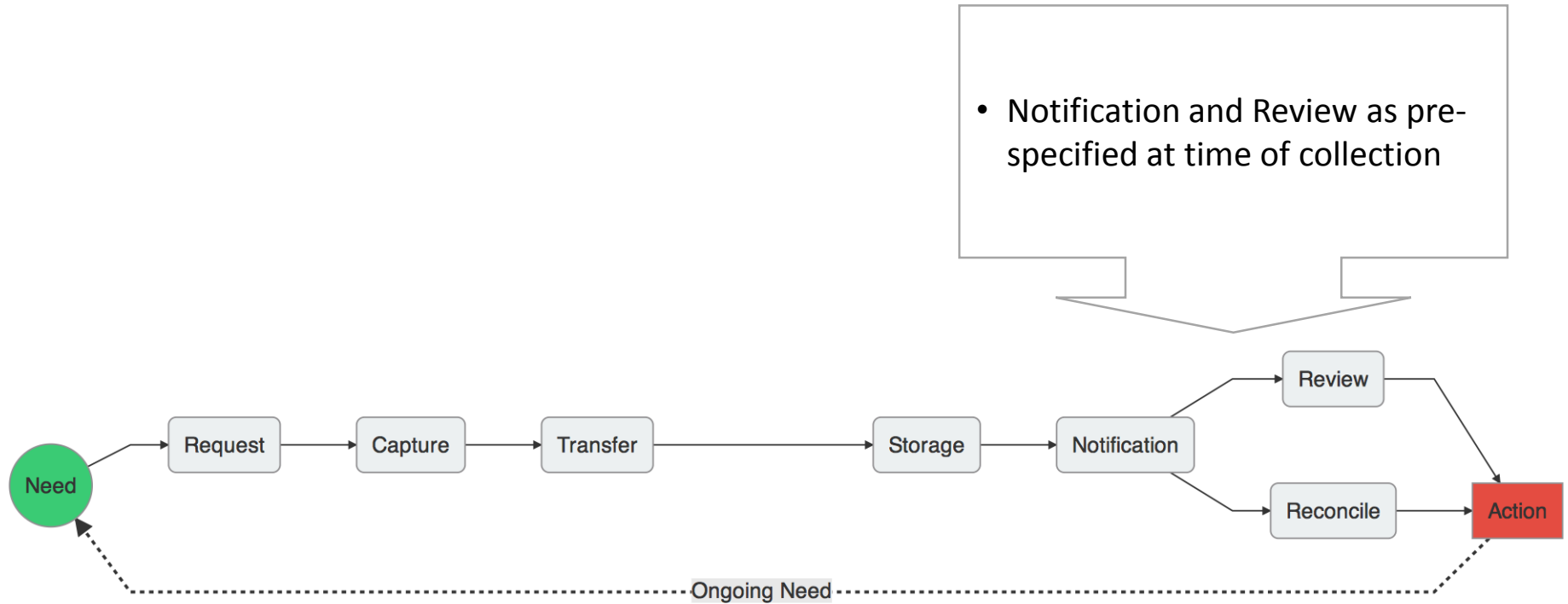
- Transferred for incorporation into medical record
  - Scanned Doc
  - Summary Note
  - PatientSite



# Process For Obtaining and Using Patient-Generated Data



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# Implementation

- Guideline has been constructed to aid clinicians and practices in the collection and usage of PGHD.
- The HIM Working Group felt that BIDMC did not have enough experience to create a policy at the present time.
- Plan on conducting small pilot programs before wide-spread availability.

# webOMR Future Impact

- Creation of user interfaces for scheduling ePRO instruments in clinics
- Creation of user interfaces for enabling PGHD uploads via BIDMC @ Home
- Creation of data views (e.g. trends)