

Practice-Based Learning & Improvement

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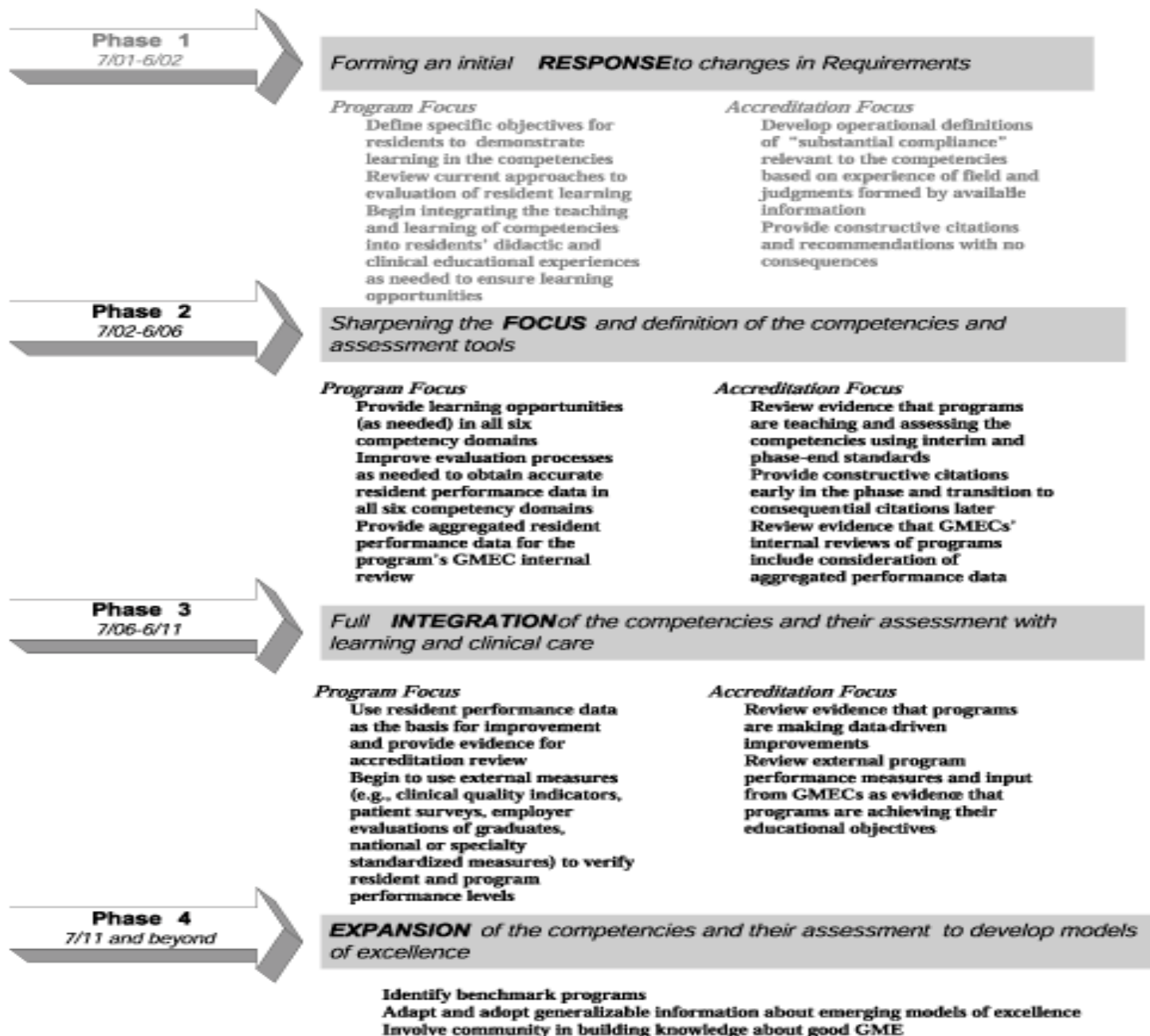
PBLI

- ACGME Competencies timeline
- Definition
- ACGME view – “Law”
- Personal view
- Curriculum outline
- PBLI at SBH
- Future directions

TIMELINE--WORKING GUIDELINES

08/01/03

ACGME
Outcome project



PBLI - Definition

- PBLI is a set of knowledge and skills that support a deliberate, systematic process whereby you identify an improvement needed, engage in learning activities, apply what is learned, and checks to see if an improvement has occurred.

Practice - Based Learning & Improvement

ACGME view:

- Residents must be able to investigate and evaluate their patient care practices, appraise and assimilate scientific evidence, and improve their patient care practices.

Practice - Based Learning & Improvement

Residents are expected to:

- analyze practice experience and perform practice-based improvement activities using a systematic methodology
- locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems
- obtain and use information about their own population of patients and the larger population from which their patients are drawn

Practice - based Learning & Improvement

Residents are expected to:

- apply knowledge of study designs and statistical methods to the appraisal of clinical studies and other information on diagnostic and therapeutic effectiveness
- use information technology to manage information, access on-line medical information; and support their own education
- facilitate the learning of students and other health care professionals

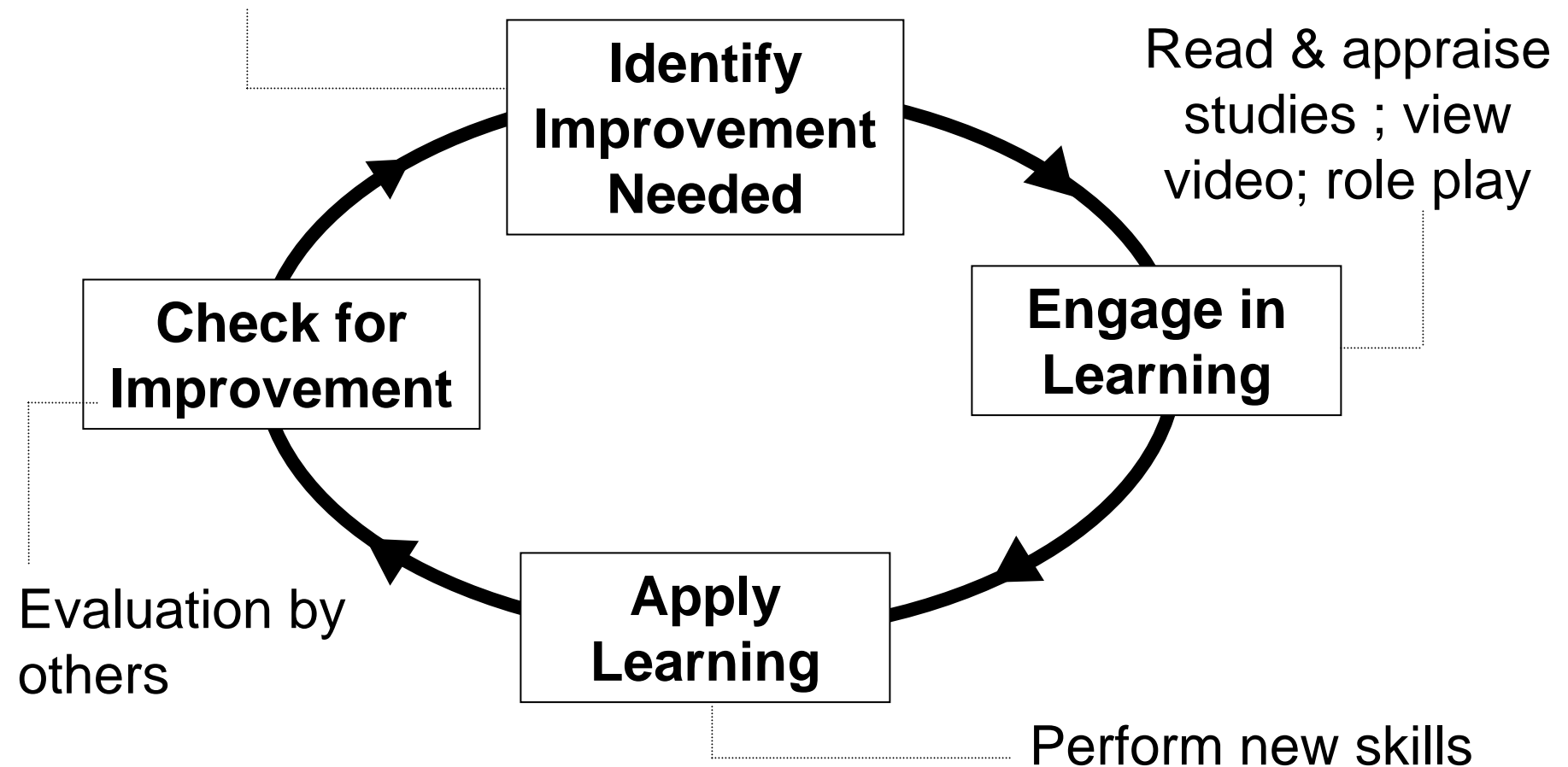
What is Practice-Based Learning and Improvement?

Analyze practice & improve using a systematic methodology

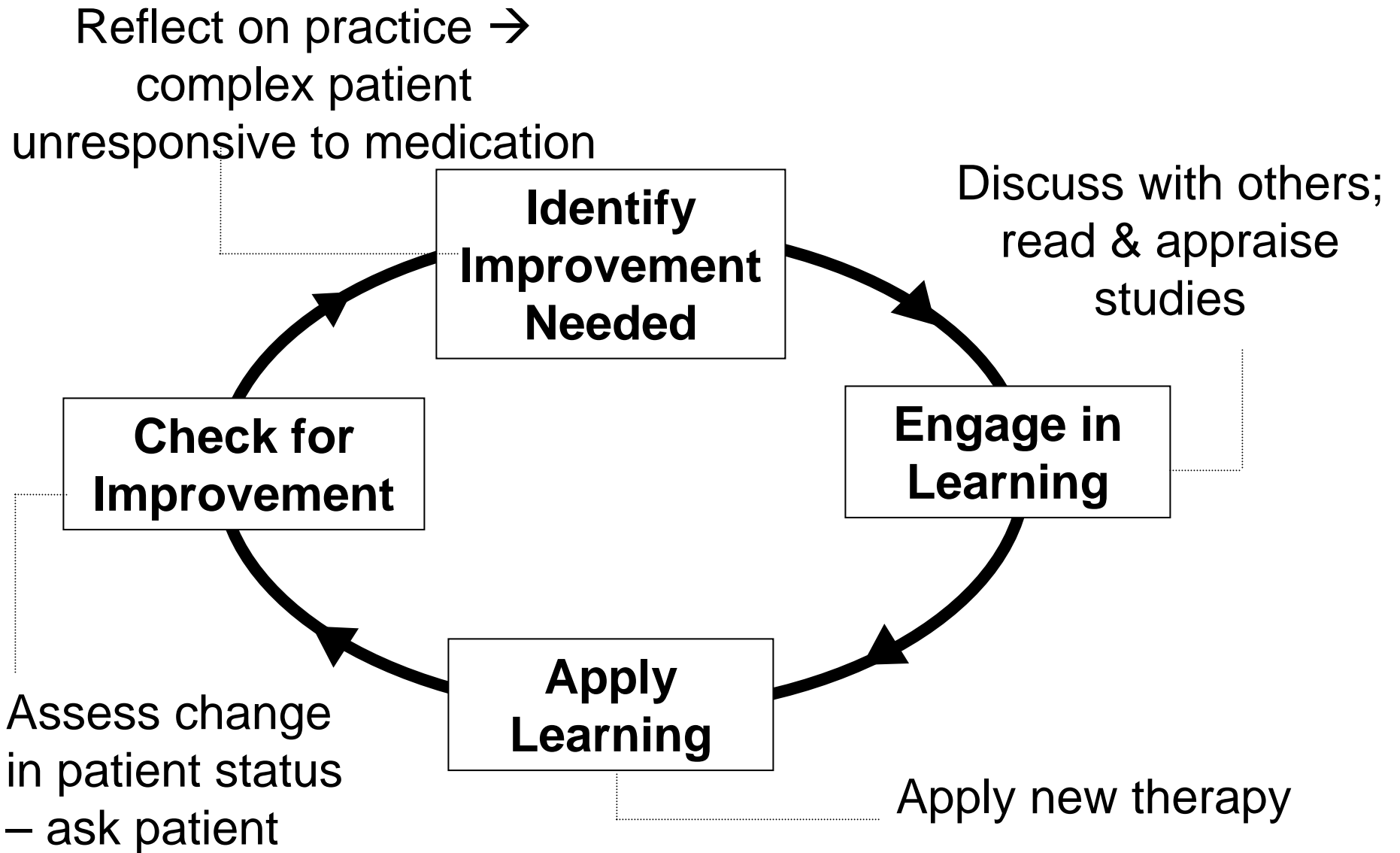
- ✓ Identify improvement needed
- ✓ Engage in learning
- ✓ Apply new learning
- ✓ Check for improvement

Example 1: Use evaluations by others to improve own skills

Evaluation by others → deficit in delivering bad news



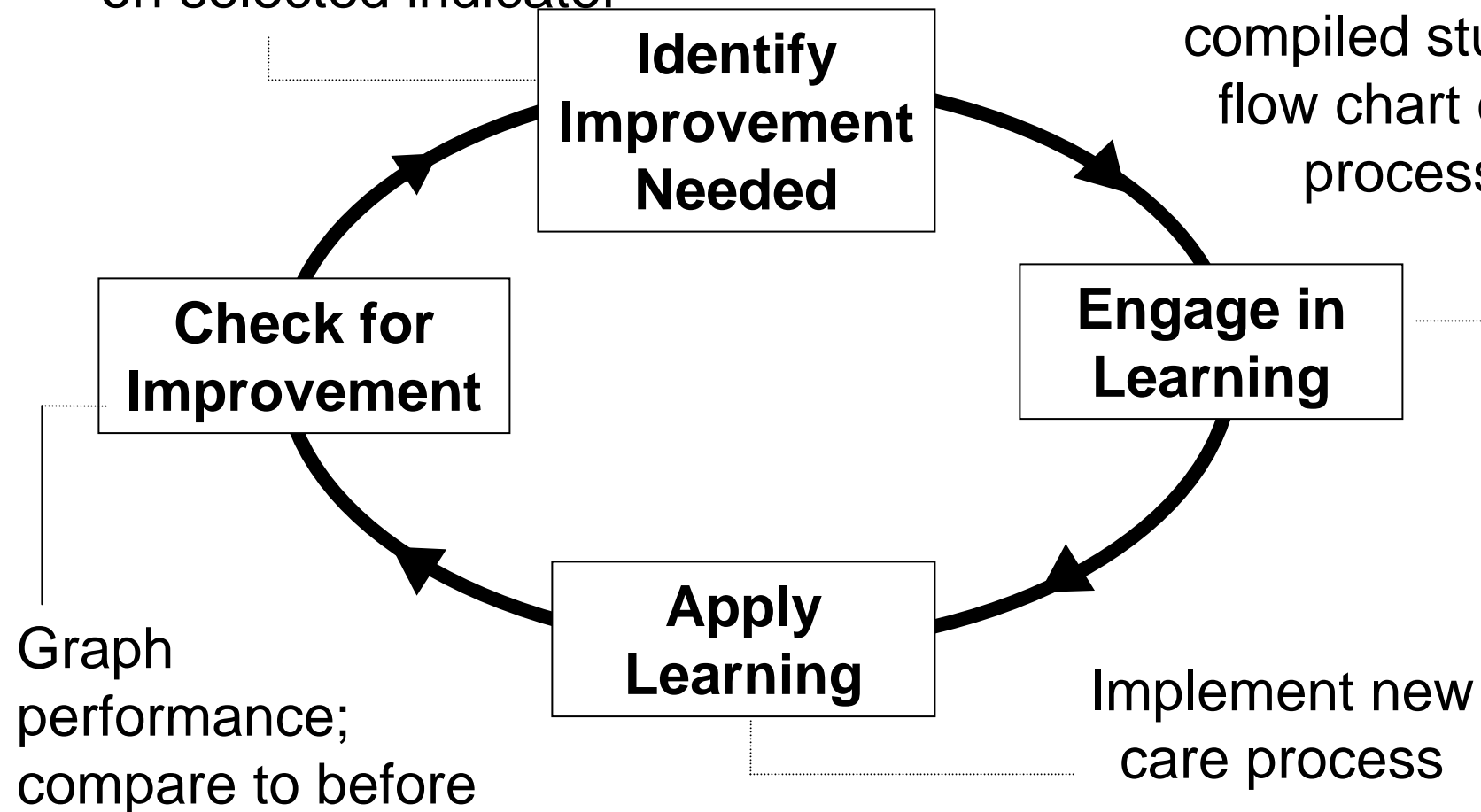
Example 2: Improve the care of a specific patient



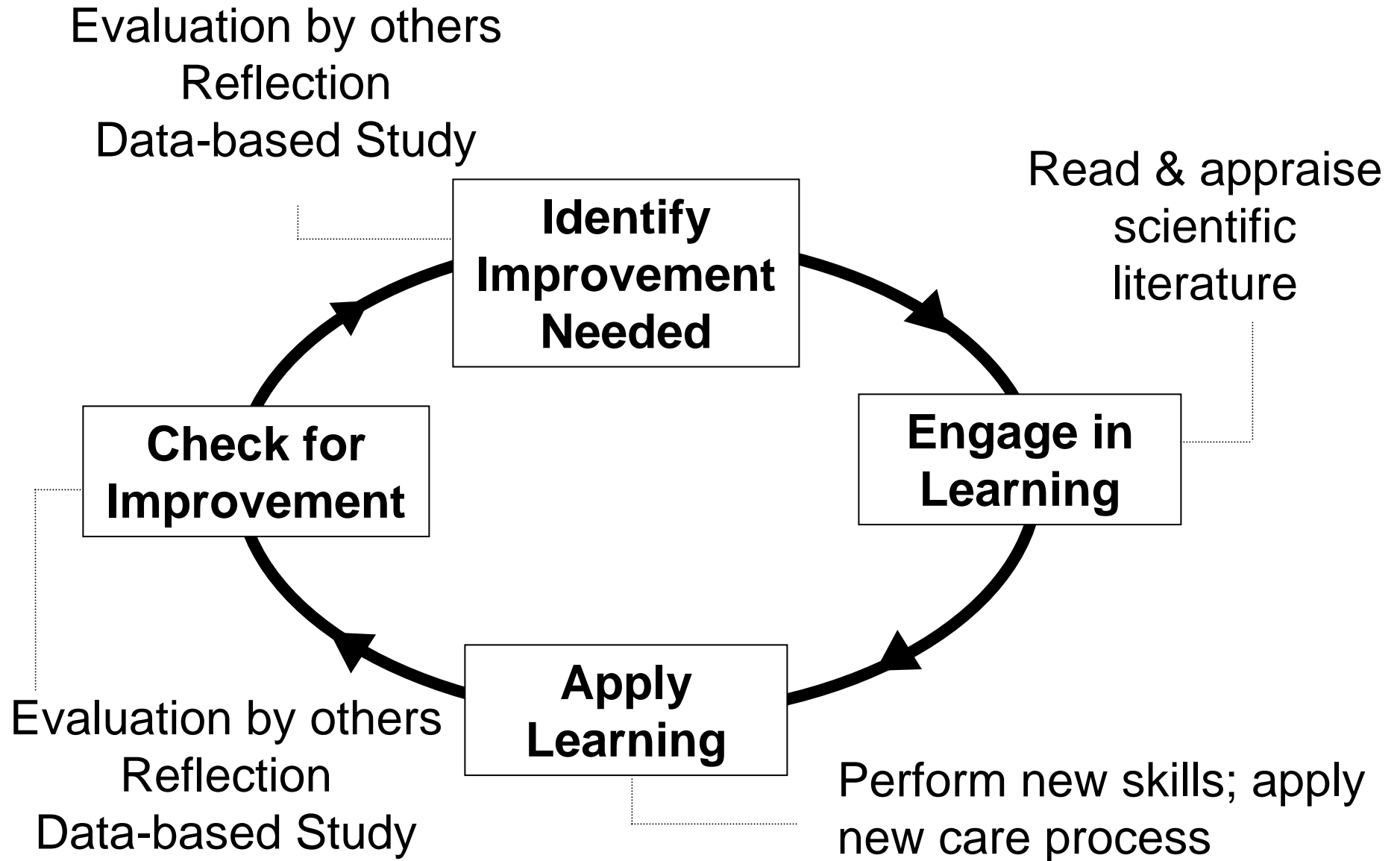
Example 3: Improve care for a patient population

Study population of diabetic patients using records or database; graph performance on selected indicator

Consult & appraise compiled studies; flow chart care process



Summary



Practice-Based Learning and Improvement

- Analyze practice & improve using a systematic methodology
- Locate, appraise & apply scientific evidence
- Apply knowledge of study designs & statistics
- Obtain & use patient population data
- Use information technology
- Facilitate the learning of others

Curriculum Domains

- Caring for Panels and Populations
- Clinical Care Management
- Information Management & Technology
- Quality

Instructional Materials

- **Definition and Measurement of Quality**
- **Quality Assurance & Performance Improvement**
- **Quality Improvement Techniques**
- **Evidence – Based Medicine**
- **Clinical Guidelines**
- **Disease Management**

Instructional Materials

- **Provider Performance Reports**
- **Population – Based Care & Patient Management**
- **Utilization Management**
- **Practice Management Systems & Operations**
- **Understanding Managed Care**

What's happening at SBH

- Quality Assurance and Performance Improvement
- Evidence Based (biased) Medicine
- Error Reduction
- Information Technology
- Disease Management
- Managed Care

Quality Assurance

- Department
- Executive Committee
- Performance Improvement Projects
- Core Measures (JCAHO)
 - CAP, CHF, AMI,
- Perioperative Beta Blockers
- NYPORTS, M&M, Sentinel Events, RCA, FEMA

Evidence Based (biased) Medicine

- Library Skills
- Clinical Research
- Journal Clubs
- Grand Rounds, Noon Conferences, Morning Reports
- Clinical Pathways
- Clinical Practice Guidelines
- Teaching & Management Rounds

Error Reduction (Patient Safety)

- **Systems Change**
 - Residency work hours (Bell Commission)
 - DVT Protocol
- **Abbreviations**
- **Pharmacy Checks**
- **National Patient Safety Goals**
 - Hand Washing
 - Patient identification
 - Health provider communication – order verification (labs)

Managed Care

- Partners in Health
- HIP
- Employee Health Plan
- HIV / SNP
- Utilization Management
- Case Management
- QA

Information Technology

- EMRs with CAS
- PDA
- PACS
- Online Journals
- Web-Based CME



Future Directions & Challenges

- **Curriculum Development**
 - Formulation
 - Implementation
 - Assessment
- **Faculty Development**
 - Portfolios
- **Resident Portfolio**
 - Report Cards
 - Evaluations in different settings – Clinic, Wards, ICU