

## Patient Safety / Quality Improvement Curriculum Resources

### Quality of Care and Quality Improvement - Characteristics

*AHRQ*: "ongoing engagement in activities such as using evidence-based medicine and clinical decision-support tools to guide shared decision making with patients and families, engaging in performance measurement and improvement, measuring and responding to patient experiences and patient satisfaction, and practicing population health management."

*IOM report*: seven aims of a high quality medical care system (Institute of Medicine, 2001):

**Safe** – avoiding injuries to patients from the care that is supposed to help them.

**Effective** – providing services based on scientific knowledge to all who could benefit and refraining from providing services to those not likely to benefit (avoiding underuse and overuse).

**Patient-centered** – providing care that is respectful of and responsive to individual patient preferences, needs, and values and ensuring that patient values guide all clinical decisions.

**Timely** – reducing waits and sometimes harmful delays for both those who receive and those who give care.

**Efficient** – avoiding waste, in particular waste of equipment, supplies, ideas, and energy.

**Equitable** – providing care that does not vary in quality because of personal characteristics, such as gender, ethnicity, geographic location, and socioeconomic status.

## Curriculum Resources

### 1. IHI Modules

IHI Open School Online Courses

PS 100: Introduction to Patient Safety

PS 101: Fundamentals of Patient Safety

PS 102: Human Factors and Safety

PS 103: Teamwork and Communication

PS 104: Root Cause and Systems Analysis

PS 105: Communicating with Patients after Adverse Events

PS 106: Introduction to the Culture of Safety

PS 201: Partnering to Heal: Teaming Up Against Healthcare-Associated Infections

PS 202: Preventing Pressure Ulcers (professional catalog only)

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### 2. AAMC Faculty Development Te4Q

<https://members.aamc.org/eweb/upload/Teaching%20for%20Quality%20Report.pdf> (2013 report)

<https://www.aamc.org/initiatives/cei/te4q/>

<https://www.aamc.org/initiatives/cei/te4q/366190/howthete4qprogramworks.html>

### 3. AHRQ (including Team STEPPS--interprofessional)

<http://www.ahrq.gov/professionals/quality-patient-safety/patient-safety-resources/index.html>

<http://www.ahrq.gov/professionals/education/curriculum-tools/teamstepps/instructor/index.html>

### 4. Core Entrustable Professional Activities

EPA 13: Identify system failures and contribute to a culture of safety and improvement

### 5. National Patient Safety Foundation Curriculum

<http://www.npsf.org/online-learning-center/patient-safety-curriculum-2/>

### 6. NIH e-book

<http://www.esourceresearch.org/eSourceBook/EvaluatingtheQualityofHealthCare/1LearningObjectives/tabid/794/Default.aspx>

### 7. MED ED Portal

A Continuous Quality Improvement (CQI) Curriculum for Residents

A Longitudinal Pharmacotherapy Curriculum in Family Medicine Residency Education

A Quality Improvement Curriculum for Internal Medicine Residents

Family Medicine Curriculum in Quality Improvement, Management and Leadership

Teaching Patient Safety via a Structured Review of Medical Errors: A Novel Approach to Educating Residents about Medical Error, Disclosure, and Malpractice

Medical Errors and Patient Safety: A Curriculum Guide for Teaching Medical Students and Family Practice Residents

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### 8. Various “Toolkits” for specific conditions or situations

<http://www.ahrq.gov/professionals/quality-patient-safety/patient-safety-resources/resources/pips/issues.html>

#### Selected Literature:

Brian M Wong, Wendy Levinson, Kaveh G Shojania. Quality improvement in medical education: current state and future directions. *Medical Education*, 2012, 46, 107–119.

<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2923.2011.04154.x/pdf>

Wong, Brian M.; Etchells, Edward E.; Kuper, Ayelet; Levinson, Wendy; Shojania, Kaveh G. Teaching Quality Improvement and Patient Safety to Trainees: A Systematic Review. *Academic Medicine*: 2010, 85, 1425-1439.

[http://journals.lww.com/academicmedicine/Abstract/2010/09000/Teaching\\_Quality\\_Improvement\\_and\\_Patient\\_Safety\\_to.13.aspx](http://journals.lww.com/academicmedicine/Abstract/2010/09000/Teaching_Quality_Improvement_and_Patient_Safety_to.13.aspx)

Hardisty J, Scott L, Chandler S, Pearson P, Powell S. Interprofessional learning for medication safety. *Clin Teach*. 2014 Jul;11(4):290-6. <http://onlinelibrary.wiley.com/doi/10.1111/tct.12148/pdf>

Voss JD, May NB, Schorling JB, Lyman JA, Schectman JM, Wolf AM, Nadkarni MM, Plews-Ogan M. Changing conversations: teaching safety and quality in residency training. *Acad Med*. 2008 Nov;83(11):1080-7.