Incorporating Quality Improvement into Fellowship Training:
Training Directors Symposium III

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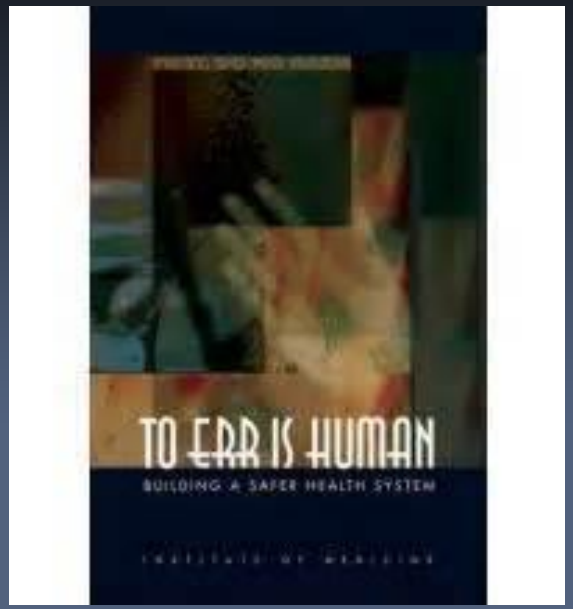
Objectives

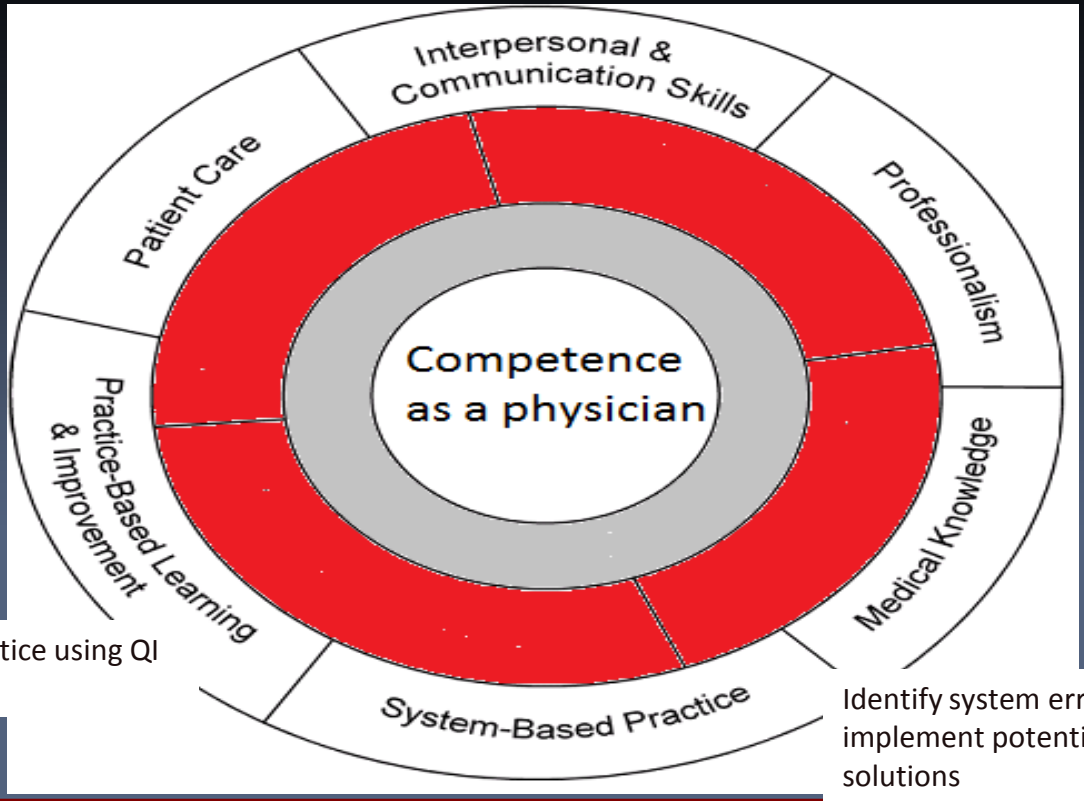
- To understand the role of Patient Safety/Quality Improvement (PSQI) in Fellowship Training
- To identify best practices as related to PSQI
- To identify key resources for PSQI

Patient Safety/Quality Improvement



- >1 million preventable adverse events occur in the US each year
- 44,000-98,000 deaths from preventable errors
- $17-$29 billion per year
- Equivalent of 3 jumbo jet crashes every two days
- Set forth national agenda for change

ACGME Core Competencies



Analyze practice using QI methods

Identify system errors/ implement potential systems solutions

Milestones

10. Recognizes system error and advocates for system improvement. (SBP2)					
Not Yet Assessable	**Critical Deficiencies**			**Ready for unsupervised practice**	**Aspirational**
	Ignores a risk for error within the system that may affect the care of a patient Ignores feedback and is unwilling to change behavior in order to reduce the risk for error	Does not recognize the potential for system error Makes decisions that could lead to errors that are otherwise corrected by the system or supervision Resistant to feedback about decisions that may lead to error or otherwise cause harm	Recognizes the potential for error within the system Identifies obvious or critical causes of error and notifies supervisor accordingly Recognizes the potential risk for error in the immediate system and takes necessary steps to mitigate that risk Willing to receive feedback about decisions that may lead to error or otherwise cause harm	Identifies systemic causes of medical error and navigates them to provide safe patient care Advocates for safe patient care and optimal patient care systems Activates formal system resources to investigate and mitigate real or potential medical error Reflects upon and learns from own critical incidents that may lead to medical error	Advocates for system leadership to formally engage in quality assurance and quality improvement activities Viewed as a leader in identifying and advocating for the prevention of medical error Teaches others regarding the importance of recognizing and mitigating system error
☐	☐	☐	☐	☐	☐
Comments:					

Clinical Learning Environment Review

- Assesses sponsoring institutions in the following six areas
  - Patient Safety
  - Quality Improvement
  - Transitions in Care
  - Supervision
  - Duty Hours Oversight, Fatigue Management and Mitigation
  - Professionalism

Clinical Learning Environment Review

Patient Safety

- Opportunities for residents:
  - To report errors, unsafe conditions and near misses
  - To participate in inter-professional teams to promote and enhance safe care

Quality Improvement

- Engage residents in the use of data:
  - To improve systems of care
  - To reduce health care disparities
  - To improve patient outcomes

Program Directors' Poll

- What opportunities do you have for fellows to participate in QI?
- How do you track their participation?
- Do you have a faculty members with expertise in QI?
- What do you think your program does well?
- What could your program do better?
- How would you rate your fellows QI experience during their training (poor, adequate, very good, excellent)
- Any other comments?

Program Directors' Poll

- 10/18 responded
- Do you have a faculty members with expertise in QI?
  - Yes - 5 ; 2 of these are Cardiologists
  - No -4
  - "Somewhat" -1
- How would you rate your fellows QI experience during their training (poor, adequate, very good, excellent)
  - Adequate -8
  - Good -2

NYU Langone Medical Center

- #1 in PSQI amongst academic medical centers past two years
- Opportunities
  - NYU Patient Safety Day
    - Presentation of any posters/projects that result from PSQI projects
  - Monthly Patient Safety Rounds
  - Weekly Patient Satisfaction Rounds
  - Chief of Quality at NYU - Cardiology Attending
  - Quality Champion for the Cardiology Division
  - Fellows work closely with Champion and Chief of Clinical Cardiology

What do you do well?

- Finding projects for all the fellows/Assigning fellows to committees
- Very well-organized quarterly Cardiology M and M
  - Focused specifically on quality
- Focus on QI division wide
- Formal QI training
- Third year fellows do an audit/QI project looking at their own evolution from first through third year in the cath lab
  - Ties in with personal clinical effectiveness review

Tracking Progress - NYU

Fellow Quality Involvement								
Fellow	RCA	QIC	ORM	ER M&M	VA M&M	Medicine M&M	Q&S day poster	OR
First Year								
[redacted]			2/19/2014					6/10/2014
			1/29/2014			2/7/2014		6/3/2014
								6/3/2014
			4/16/2014					6/3/2014
						5/2/2014		
						3/7/2014		
Legend								
RCA-Root Cause Analysis								
QIC-Quality Improvement Committee								
ORM-Occurrence Review Meeting								
Q&S-Quality and Safety								
OR-Occurrence Review								

How would you rate your fellows QI experience during their training ?

- Adequate

Creating opportunities - Vanderbilt

Curriculum Evaluation for Rotation/Competency: Practice Based Learning and Improvement

Description: Investigation and evaluation of their own patient care, appraisal and assimilation of scientific evidence, and improvements in patient care

Objectives/Skills	Competency Addressed	Teaching Method	Assessment Method
Define a clinical problem, identify the stakeholders, and gather baseline data to assess the problem.	PBLI	QI project	Presentation of project and data
Design and implement a change to the current processes that addresses the problem and assess the change using data.	PBLI	QI project	Presentation of project and data
Interact effectively with other members of the health care team to improve patient care.	ICS	QI project	Presentation of project and data 360 degree evaluation
Understand and navigate the health care system in which you work most effectively to improve patient care.	SBP	QI project	Presentation of project and data

WUSM SWOT

Strengths

Fellows from different institutions have different ideas

Culture shift towards more open discussion
Faculty participation in conference

Weaknesses

No division patient safety officer

Lack of knowledge about PSQI

Conference tends to focus on medical decision making rather than system problems

Opportunities

Career development for faculty in PSQI

Statistical and data support available

BJH/WashU Safety and Quality Symposium

Threats

Lack of interest in PSQI

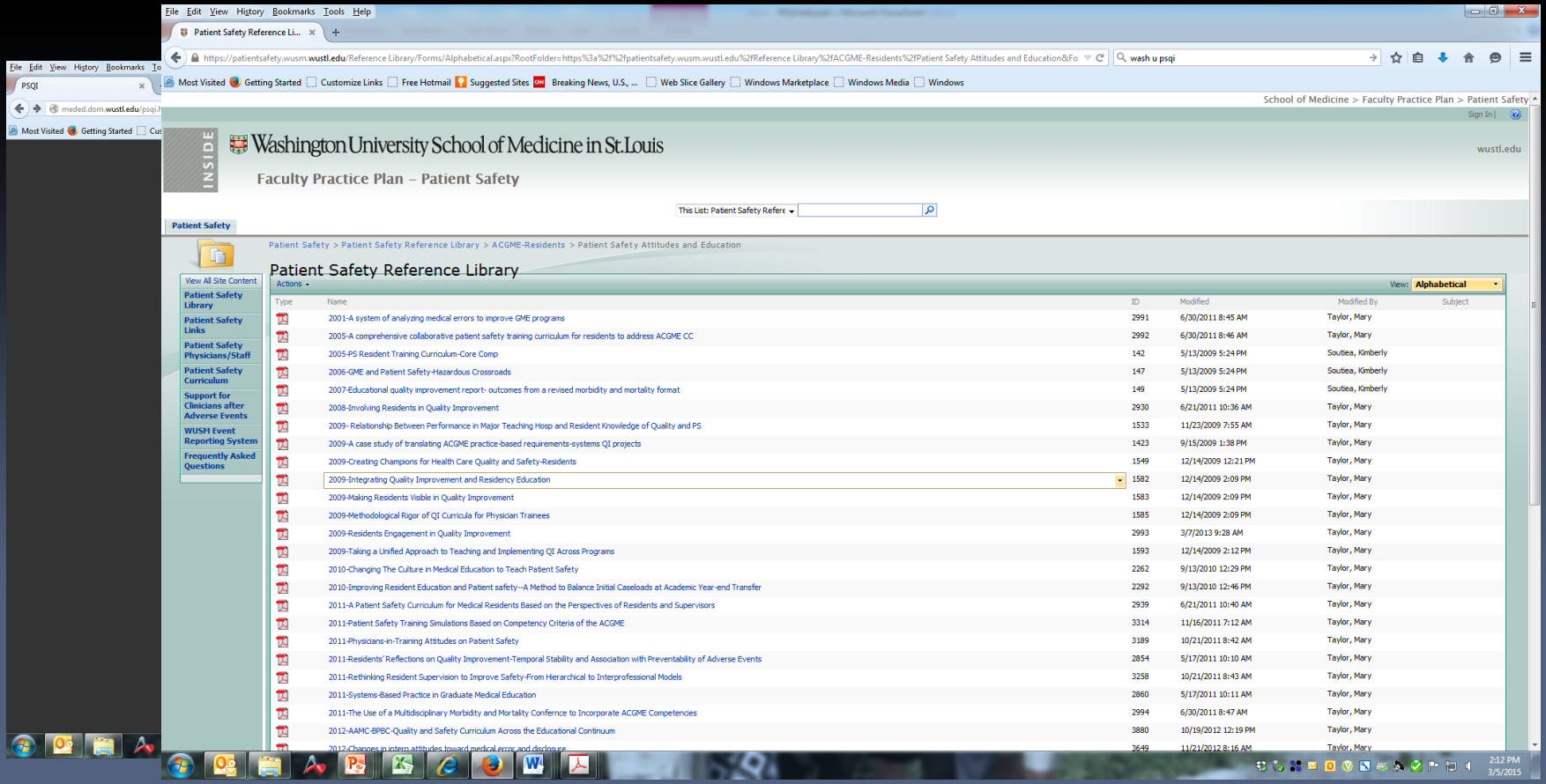
Lack of time to complete project

"QI project du jour"- lots of work with no impact

What about your program?

Resources

- “Basics of Quality Improvement in Health Care”
  - Mayo Clin Proc. 2007;82(6):735-739
- ACC Program Directors’ Tool Kit
- ACGME Website
  - http://www.acgme.org/acgmeweb/
- Institutional Websites
  - http://meded.dom.wustl.edu/psqi.html


Patient Safety Reference Li...
https://patientsafety.wusm.wustl.edu/Reference Library/Forms/Alphabetical.aspx?RootFolder=https%3a%2f%2fpatientsafety.wusm.wustl.edu%2fReference Library%2fACGME-Residents%2fPatient Safety Attitudes and Education&Fo
wash u psqi
School of Medicine > Faculty Practice Plan > Patient Safety
Washington University School of Medicine in St.Louis
Faculty Practice Plan – Patient Safety
wustl.edu
Patient Safety
Patient Safety > Patient Safety Reference Library > ACGME-Residents > Patient Safety Attitudes and Education
Patient Safety Reference Library
View All Site Content
Patient Safety Library
Patient Safety Links
Patient Safety Physicians/Staff
Patient Safety Curriculum
Support for Clinicians after Adverse Events
WUSM Event Reporting System
Frequently Asked Questions
Actions
View: Alphabetical
Type
Name
ID
Modified
Modified By
Subject
2001-A system of analyzing medical errors to improve GME programs 2991 6/30/2011 8:45 AM Taylor, Mary
2005-A comprehensive collaborative patient safety training curriculum for residents to address ACGME CC 2992 6/30/2011 8:46 AM Taylor, Mary
2005-PS Resident Training Curriculum-Core Comp 142 5/13/2009 5:24 PM Soutiea, Kimberly
2006-GME and Patient Safety-Hazardous Crossroads 147 5/13/2009 5:24 PM Soutiea, Kimberly
2007-Educational quality improvement report- outcomes from a revised morbidity and mortality format 149 5/13/2009 5:24 PM Soutiea, Kimberly
2008-Involving Residents in Quality Improvement 2930 6/21/2011 10:36 AM Taylor, Mary
2009- Relationship Between Performance in Major Teaching Hosp and Resident Knowledge of Quality and PS 1533 11/23/2009 7:55 AM Taylor, Mary
2009-A case study of translating ACGME practice-based requirements-systems QI projects 1423 9/15/2009 1:38 PM Taylor, Mary
2009-Creating Champions for Health Care Quality and Safety-Residents 1549 12/14/2009 12:21 PM Taylor, Mary
2009-Integrating Quality Improvement and Residency Education 1582 12/14/2009 2:09 PM Taylor, Mary
2009-Making Residents Visible in Quality Improvement 1583 12/14/2009 2:09 PM Taylor, Mary
2009-Methodological Rigor of QI Curricula for Physician Trainees 1585 12/14/2009 2:09 PM Taylor, Mary
2009-Residents Engagement in Quality Improvement 2993 3/7/2013 9:28 AM Taylor, Mary
2009-Taking a Unified Approach to Teaching and Implementing QI Across Programs 1593 12/14/2009 2:12 PM Taylor, Mary
2010-Changing The Culture in Medical Education to Teach Patient Safety 2262 9/13/2010 12:29 PM Taylor, Mary
2010-Improving Resident Education and Patient safety--A Method to Balance Initial Caseloads at Academic Year-end Transfer 2292 9/13/2010 12:46 PM Taylor, Mary
2011-A Patient Safety Curriculum for Medical Residents Based on the Perspectives of Residents and Supervisors 2939 6/21/2011 10:40 AM Taylor, Mary
2011-Patient Safety Training Simulations Based on Competency Criteria of the ACGME 3314 11/16/2011 7:12 AM Taylor, Mary
2011-Physicians-in-Training Attitudes on Patient Safety 3189 10/21/2011 8:42 AM Taylor, Mary
2011-Residents' Reflections on Quality Improvement-Temporal Stability and Association with Preventability of Adverse Events 2854 5/17/2011 10:10 AM Taylor, Mary
2011-Rethinking Resident Supervision to Improve Safety-From Hierarchical to Interprofessional Models 3258 10/21/2011 8:43 AM Taylor, Mary
2011-Systems-Based Practice in Graduate Medical Education 2860 5/17/2011 10:11 AM Taylor, Mary
2011-The Use of a Multidisciplinary Morbidity and Mortality Confernce to Incorporate ACGME Competencies 2994 6/30/2011 8:47 AM Taylor, Mary
2012-AAMC-BPBC-Quality and Safety Curriculum Across the Educational Continuum 3880 10/19/2012 12:19 PM Taylor, Mary
2012-Changes in intern attitudes toward medical error and disclosure 3649 11/21/2012 8:16 AM Taylor, Mary
2:12 PM
3/5/2015

The Takeaway

- PSQI is an integral part of fellowship training
- Great opportunity to reflect on program
- SWOT Analysis
  - Next step is decision matrix
- Many opportunities
- Take it home!