

Curriculum Content Report – Health Care Quality Improvement
 Search Terms: Quality, Improvement, patient safety, SS C2
 Prepared 3/25/19 by Ken Olive, MD - **Updated**

Year 1	
Course	Content
Medical Human Gross Anatomy and Embryology	<ul style="list-style-type: none"> •cervical spine anatomy related to safe transfer in neck injury
Doctoring I	<ul style="list-style-type: none"> •IHI module on triple aim (improved patient experience- quality and satisfaction, population health, reducing cost) •Population health, social determinants of health, health care disparities •Medical errors and apologies (two sessions) •Integrated Grand Rounds often include quality improvement topics •Understanding implicit bias and cognitive errors to reduce errors in medical decision making
Year 2	
Doctoring II	<ul style="list-style-type: none"> •Health Care Reform - alternative payment models, quality based reimbursement, medical homes •Patient safety/quality improvement/high value care case discussion (IHI modules Patient Safety 101 lessons 1 & 2, Patient Safety 102 lessons 1 & 2 required in advance) •Integrated Grand Rounds often include quality improvement topics •Patient safety and quality of care to be added as themes to interprofessional education in 2019-2020
Medical Pharmacology	<ul style="list-style-type: none"> •Reducing risk with use of pharmacologic agents is a consistent theme through the course – adverse effects, contraindications, alterations in pharmacotherapy based upon patient characteristics, drug interactions, and patient education.
Year 3	
Transition to Clerkships	<ul style="list-style-type: none"> •Introduction to safe prescribing •Infection prevention
Doctoring III (in 2012-2020)	<ul style="list-style-type: none"> •Patient safety small group discussion
Community Medicine Clerkship & RPCT Clerkship	<ul style="list-style-type: none"> •Incorporation of risk-benefit analysis in patient and/or population-based care •The student will explain the application of the Quality Improvement process.
Family Medicine Clerkship	<ul style="list-style-type: none"> •Didactic presentation on health care reform

	<ul style="list-style-type: none"> •Aquifer case 6 – quality measures in diabetes
Internal Medicine Clerkship	<ul style="list-style-type: none"> •Demonstrate an understanding of systems based practice and the student’s role in the culture of patient safety and continuous quality improvement •Systems based practice case discussion •Appropriately write prescriptions by recognizing and avoiding errors utilizing information resources to place the correct order/prescription and maximize therapeutic benefit and safety for patients
OB/GYN clerkship	<ul style="list-style-type: none"> •Systems-Based Practice discussion •Demonstrate an understanding of systems based practice and the student’s role in the culture of patient safety and continuous quality improvement
Pediatrics Clerkship	? CLIPP cases
Surgery Clerkship	<ul style="list-style-type: none"> •Sterile technique to reduce post-operative infections •Participate in pre-operative time-out to reduce errors
Year 4	
Portfolio assignment	<p>3.4 Systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement</p> <p>6.5 Participate in identifying system errors and implementing potential systems solutions</p>
Keystone Course	<ul style="list-style-type: none"> •Infection control & occupational safety •Safe use of blood products •Patient safety/quality improvement case discussion •Recognition of emerging infectious diseases
Inpatient Subinternship Selective	<ul style="list-style-type: none"> •Describe hospital quality improvement programs •Explain proper methods of disclosing errors to patients