ETSU Quillen College of Medicine
Summary of Curricular Thread Content: Quality, Safety & High-Value Care
Medical Student Education 2016 - 2017

Profession of Medicine (POM:PPS)

1. Quality Improvement, Patient Safety (2 hrs) (Franko: Medical Errors)
2. Medical Errors (small group – 2 hrs - videos)
3. Self-awareness, cognitive errors, Implicit Bias in Clinical Decision-Making (2 hrs)
4. Institute for Healthcare Improvement: Module on Patient Safety (self-directed) Importance, statistics, IOM report, etc. (1.5 hrs)

Biostatistics, Epidemiology & EBM

1. Safety in Clinical Research (0.5 hrs content) (IRB considerations, informed consent)

Intro to Clinical Psychiatry (est. 3 hrs)

1. Patient Safety / EBM
    a. Multiple disorders (inc. suicide prevention, depression screening)
    b. Medication adverse effects, contraindications and patient education
    c. Alterations in pharmacotherapy based on patient characteristics

Case-Oriented Learning: unquantified and anecdotal: enrichment

Communication Skills for Health Professionals

1. As effective communication at all levels contribute to safer patient care, entire course could be considered as quality and safety.
2. Several sessions (e.g., interprofessional communications) include one or a few slides specifically relating the primary topic to patient safety.
3. Unable to quantitate content that is specific to patient safety vs. communication topics.
4. Consider as Curricular but unquantified.

Microbiology

1. Categories of patient safety information conveyed include modes of transmission and methods of prevention (including vaccines where appropriate) for most pathogens (either as groups, classes or individual agents). These are clearly stated and described in teaching materials. Actual time committed to these cannot be determined, as most are small parts of larger topics about pathogens.
2. Distinct sessions on antibiotic stewardship and hand cleaning techniques/options are given (est 2 hr)

Pharmacology

1. Patient Safety Thread throughout course (est. 3 hrs curricular, additional unquantified for enrichment)
    a. Drug interactions, Adverse Effects, contraindications
    b. Alterations in pharmacotherapy based on patient characteristics
    c. Patient education

Practice of Medicine (POM)

1. QI in practice setting, medical errors, communication safety, EBM reinforcement (unquantified, enrichment –course director will add QIPS questions to each case for next year)
2. Medical error analysis and future prevention: (new) simulation session for 2017 (2 hr)

Transition to Clinical Clerkships

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1. Introduction to Safe Prescribing (0.5 hrs)
2. Informed Consent (1 hs)
3. Use of Medical Interpreters (1 hr)
4. Infection Prevention (1 hr aggregate)
5. Key Concepts in Patient Safety (Time-outs, student part in error identification) (0.5 hrs est)

Keystone:

1. Patient Safety in Medical Imaging (2 hrs)

Clinical Rotations: (NO DATA AVAILABLE FROM D2L OR CLERKSHIP DIRECTORS)

Family Medicine ^^

1. Patient Safety (***fmCASES*** and home visits) and discharge planning
2. Quality Improvement (transitions of care team and EBM lecture)

OB/GYN

1. Patient Safety ^^

Surgery

1. Safety checklist and time-out component of CMS ^^

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^^ awaiting additional data from course/rotation directors

Total: 23 hrs + awaiting data^^