QUALITY IMPROVEMENT PROJECT

Level of Training
PGY2 (Community Medicine), PGY3 (Geriatrics)

Preceptor
Edward Forster, M.D.
Ronald Machado, M.D.

Location of Rotation
Family Medicine Center

Method of Instruction
One on one instruction, Self Instruction

Description of Instruction
This project is considered part of the longitudinal Practice Management curriculum. During the PG2 Community Medicine Rotation after review of a Quality Improvement CD Rom, residents will be asked to develop a quality improvement project based on a quality indicator for their patient’s health maintenance or management of a chronic disease. Residents may use the CHP quality indicators, online resources from the ACGME Outcome Project, or another quality indicator of their choice (e.g. Meaningful use Clinical Quality Measures). The resident will use the attached audit tool or develop another audit tool which will be used to study 10 charts. This information will be reviewed with Dr. Forster or Dr. Machado and a copy will be given to Mrs. Lisa Perry. A quality improvement plan for the selected indicator will be implemented by the resident for a minimum of 3 months or as appropriate to the plan. During the PG3 year Geriatrics Rotation, the resident will be given 1 half-day to review 10 of his/her charts (preferably the same patients) in order to see if care has changed after this quality improvement intervention and the final copy of this audit tool will be kept in the resident’s educational folder.

Learning Goals

By the end of this exercise:

1. the PG2 resident will understand practice guidelines (Competencies: Practice Based Learning and Improvement 2, 3, 5).
2. the PG2 resident will develop and implement a quality improvement project based on the selected indicator in their practice (Competencies: Practice Based Learning and Improvement 1).
3. the PG3 resident will complete and evaluate the quality improvement project based on the previously selected indicator in their practice (Competencies: Practice Based Learning and Improvement 1).
**Learning Objectives**

By the end of the exercise:

1. the PG2 resident will review the Quality Improvement CD-ROM and select a specific practice based guideline where the resident feels personal improvement is needed: (Competencies: Practice Based Learning and Improvement 2, 3, 4, 5).
2. the PG2 resident will develop an improvement plan and an audit tool based on the above information: (Competencies: Practice Based Learning and Improvement 2, 3, 4, 5).
3. the PG2 resident will use the audit tool to review 10 charts: (Competency: Practice Based Learning and Improvement 1).
4. the PG3 resident will use the audit tool to review 10 charts after implementing an improvement plan for a specified period of time and determine if there has been any improvement in his/her patient care: (Competency: Practice Based Learning and Improvement 1).

**Methodology of Teaching**
One on one instructions.
Self instruction with faculty review.

**Evaluation**
Review of completed Pre/Post Audit tool by Dr. Machado, Dr. Forster, or group leader

**Recommended Online Resources**

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<tr>
<th>Organization</th>
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<tr>
<td>Agency for Healthcare Research &amp; Quality</td>
<td><a href="http://www.ahrq.gov">www.ahrq.gov</a></td>
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<td>American Academy of Pediatrics</td>
<td><a href="http://www.aap.org">www.aap.org</a></td>
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<td>American Board of Internal Medicine</td>
<td><a href="http://www.abimfoundation.org">www.abimfoundation.org</a></td>
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<td>Center of Health Evidence</td>
<td><a href="http://www.cche.net/userguides/main/asp">www.cche.net/userguides/main/asp</a></td>
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<td>Evidence-Based Medicine Resource Center</td>
<td><a href="http://www.ebmny.org">www.ebmny.org</a></td>
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<td>National Guideline Clearinghouse</td>
<td><a href="http://www.guidelines.gov">www.guidelines.gov</a></td>
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<td><a href="http://www.ags.org">www.ags.org</a></td>
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<td>Institute for Healthcare Improvement</td>
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Implemented: 09/08
Revised: 10/09, 9/10, 9/13
Reviewed: 06/09, 10/09, 6/11, 9/13

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