Longitudinal Medical Home Curriculum For MSU-CHM Students

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**Rationale**

- Patient centered medical home (PC-MH) is an approach to health care that has the potential to improve health outcomes, improve the patient experience, and reduce health care costs.
- PC-MH is a key strategy to meet Healthy People 2020 objectives to improve access to comprehensive, quality health care, to increase the proportion of persons with usual primary care providers, and to reduce the number of individuals who are unable to obtain necessary medical, dental care, or prescription medicines.
- Doctors entering practice in coming years need to understand the PC-MH and to have skills to work effectively as leaders within a PC-MH.

**Description of Curriculum**

The PC-MH curriculum will be implemented as a longitudinal curriculum with didactics provided on line reinforced with practical clinical experience extending all four years of medical school. It can be easily integrated with the present curriculum or it can be a stand alone curriculum.

**Curriculum Design:**

The curriculum will have 4 units with its own goals, objectives, unit content, teaching strategies and evaluation strategies. Here is a snapshot of 3rd year clerkship unit:

**Objective:**
- At the end of the third year of medical school, student will be able to participate in PC-MH visits and understand the concept of system based practice.

**Unit content:**
- Review of basic principles of Medical Home
- Community resources- why is it important for your practice?
- Importance of understanding barriers to medical care including health insurances, access problems, communication and cultural issues.
- How to develop a care plan?

**Teaching Strategy**
- Online module accessed through ANGEL
- Learning community resources through visits to local health departments
- 1-2 patient home visits to learn about the patient experience

**Evaluation Strategy**
- Comprehensive evaluation
- Pretest and Posttest questions at the beginning and the end of the online curriculum
- Writing assignment with specific objectives.
- Review of the PC-MH index by community mentors
- Evaluation from patients

**Writing assignment for HOME VISIT Medical Home Curriculum**

<table>
<thead>
<tr>
<th>Writing assignment content</th>
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<tbody>
<tr>
<td>1. Review of basic principles of Medical Home</td>
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<td>2. Feedback from the patient care visit</td>
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<tr>
<td>3. Review of the PC-MH index</td>
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<td>4. Evaluation from patients</td>
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**Discussion**

- Patient centered medical home (PC-MH) is vital for the future of the health care.
- It has five functions: patient centered, comprehensive care, coordinated care, accessible medical services that has quality and safety.
- It is imperative that future physicians understand the principles of medical home and be competent in applying these principles to their future patients.
- This curriculum will also serve as a stepping stone to many of the ACGME competencies such as, patient care, system based practice, practice based learning, effective communication skills.
- This will also be a great opportunity for students to develop quality improvement projects along with the help of their community faculty. Such projects may include but not limited to improved access, overcoming barriers, impact on student and resident education, community involvement and care coordination etc.

**Resources and Faculty Development**

- Identification of resources is important for this curriculum
- Online lecture development will involve faculty time, IT time for uploading in ANGEL, and curriculum assistant time.
- Identification of community resources and partnership with local agencies in each community.
- Patient recruitment in each community with the help of community administrative assistants.
- Involvement of clinical faculty to review the care plan for patients and also evaluation of writing assignments.
- Allocation of funding for compensation of the patients or recruitment as volunteers.
- Faculty Development for evaluation and quality development projects based on curriculum would be needed.

**References:**

http://www.pcmh.org
http://www.aaap.org
www.aafp.org
www.aap.org
www.ahrq.gov