

### **RURAL/UNDERSERVED MEDICINE OBJECTIVES**

Using current medical knowledge and up-to-date scientific evidence the student is responsible for competency in the following areas by the end of the clinical rotation.

#### Medical Knowledge

- Demonstrate an appropriate physical exam.
- Choose appropriate diagnostic tests to identify an abnormality.
- Define underserved.
- Explain Medicare insurance such as who is eligible, what the cost is, and what medical services are covered.
- Identify eligible patient populations for Medicaid coverage.
- Evaluate the role of Medicare and Medicaid in disability coverage.
- Recognize barriers to medical care for individuals with disabilities.
- Identify signs of abuse and how to report suspected abuse.
- Analyze results of Michigan Automated Provider (MAPS).
- Compare cost effective treatment plans that may include alternative medications.
- Define mental and physical disabilities.
- Evaluate the common disease processes found in underserved areas using the suggested reading list and study guide for this course.
- Summarize steps to the referral process and identify barriers that prevent underserved patients from attending specialist appointments.

#### Interpersonal & Communication Skills

- Practice professionally in a working situation with other members of the health care team including appropriate dress, punctual attendance and professional attitude.
- Demonstrate an openness to receive constructive criticism.
- Recognize limitations and locate assistance from supervising preceptors and appropriate reference material.
- Interpret independent outside readings concerning medical problems encountered.
- Prepare a problem oriented progress note using the SOAP format or site-specific template.
- Write a differential diagnosis based upon patient history, physical examination data and diagnostic data.
- Compose an oral case presentation and present to the preceptor.
- Construct an appropriate treatment plan based on history, physical exam and diagnostic data.
- Interpret diagnostic studies as related to the patient's medical condition.
- Select written patient education handouts to address a health promotion issue using the most up to date medical data.
- Contrast possible risks and benefits of diagnostic studies and treatment plans.
- Explain possible risks and benefits of diagnostic studies and treatment plan to your patient as approved by the supervising provider.

### Patient Care

- Show sensitivity to the emotional, social, developmental and ethnic background of patients and their family on his/her service.
- Recognize the barriers that prevent underserved patients from obtaining treatment.
- Contrast risk and benefits of procedures needed to be performed on your patient.
- Support patient education with the use of written patient education handouts.
- Evaluate community resources to implement patient care.
- Describe health promotion and disease prevention to your patients.
- Identify communication barriers with different patient populations.
- Adapt communication style and information context to the individual patient interaction.
- Appraise health of patient with screening health exams that follow appropriate medical guidelines for the patient's age.

### Professionalism

- Apply professional attitude in such areas as attendance, dress code and performance in the medical setting.
- Demonstrate knowledge of the legal and regulatory requirements of the role of a physician assistant.
- Employ a professional relationship with the supervising providers and other members of the health care team.
- Operate under the rules of HIPPA to preserve patient confidentiality.
- Demonstrate sensitivity and responsiveness to patients' culture, gender, age and disabilities.

### Practice-Based Learning

- Demonstrates motivation and desire to learn evidence based medicine.
- Develop the ability to learn from practice.
- Show ability to understand and apply decision-making tools
- Recognize the importance of lifelong learning in the medical field.
- Assess medical evidence and communicate to patients and colleagues.
- Apply information technology to access on-line medical information and continue personal education.
- Recognize personal limitations and where to access help personally and professionally.

### System-Based Practice

- Use medical information technology in decision-making, patient care, and patient education.
- Evaluate cost effective health care and resources that do not compromise quality of patient care.
- Practice according to policy and procedures set forth by the health care facility.
- Choose the appropriate code for billing the responsible payment service under direct supervision of the preceptor.
- Identify the funding sources and payment systems that provide coverage for the patient care.

**Guidelines:** The student should also be familiar with the national guidelines for common disease states, which include but are not limited to the following;

- **Asthma/ COPD/Diabetes/ Hypertension/ Heart failure/ Dyslipidemia**
- **Cancer screening/ Stable Angina/ A Fib/Pneumonia**

**Recommended Texts:**

Maxine Papadakis, Stephen McPhee, Michael W. Rabow (2017) Current Diagnosis and Treatment

David N., E. G. (2017). *Sanford Guide to Antimicrobial Therapy 2017 (Pocket Edition)*. Antimicrobial Therapy, Incorporated.

Diana Nicoll, C. M. (2012) *Pocket Guide to Diagnostic Tests / Edition 6*. McGraw-Hill Professional Publishing.

John F., E. S. (2015). *Essentials of Musculoskeletal Care: Edition 5*. American Academy of Orthopaedic Surgeons.

Johns Hopkins Hospital, K. A. (2014). *The Harriet Lane Handbook: Mobile Medicine Series, Expert Consult: Online and Print / Edition 20*. Elsevier Health Sciences.

Klaus Wolff, R. J. (2017). *Fitzpatrick's Color Atlas and Synopsis of Clinical Dermatology, Seventh Edition / Edition 8*. McGraw-Hill Professional Publishing

Robert A. Baldor, J. A. (2017). *The 5-Minute Clinical Consult 2016, Standard Edition / Edition 25*. Lippincott Williams & Wilkins.

Roger K. Freeman, S. J. (2017). *Drugs in Pregnancy and Lactation: A Reference Guide to Fetal and Neonatal Risk / Edition 11*. Lippincott Williams & Wilkins.

Steven S. Agabegi, E. A. (2015). *Step-Up to Medicine / Edition 4*. Lippincott Williams & Wilkins.

William Hay, M. L. (2016). *CURRENT Diagnosis and Treatment Pediatrics, Twenty-third Edition* . McGraw-Hill Professional Publishing.