FAMILY PRACTICE UNIT 1 ROTATION SYLLABUS

Level of Training

PGYI

Length of Training

4 weeks

Preceptors’/ Attendings’ Names

Freddie Kaye, Ph.D.
Phillip Treadwell, Pharm.D.
Karen Brummel-Smith, Ph.D.
Cathy Snapp, Ph.D.
Ronald Machado, M.D.
TMH Laboratory Technicians
Big Bend Hospice
TMH Home Health Care
Steve Quintero, M.D. (Transition Center)
Ed Zapert, D.D.S. (Leon County Dental Clinic)

Contacts’ Name

Ronald Machado, M.D.

Location(s) of the Rotation

Family Medicine Center

TMH Laboratory

Big Bend Hospice:
1723 Mahan Center Boulevard - Phone # 878-5310

TMH Home Health Care:
1619 Physicians Drive - Phone # 431-6891

TMH Transition Center:
3333 Capital Oaks Drive – Phone # 431-4470

Leon County Dental Clinic:
912 Railroad Avenue – Phone # 606-8400
Description of the Rotation

The FPU 1 Rotation is designed to introduce the resident to a variety of office and clinical procedures at the Family Medicine Center as well as some community resources. The resident will be exposed to the following:

1. Leon County Dental Health Clinic - Preceptor: Ed Zapert, D.D.S.
2. HeartMath® - Preceptor: Cathy Snapp, PhD, Karen Brummel-Smith, PhD
3. Transition Center - Preceptor: Stephen Quintero, M.D.
4. Anticoagulation Clinic - Preceptor: Phillip Treadwell, PharmD
5. Computer Heart Sounds - Preceptor: Christopher Dunlap, M.D.
6. Evidence Based Medicine - Preceptor: Phillip Treadwell, PharmD
7. Medical Records/Front Office/Triage - Contact: Mrs. Sallie Foshee
8. Tallahassee Memorial Home Health - Contact: Ms. Bonnie Vermeire, RN
9. Big Bend Hospice: Contact: Ms. Rhonda Cruce
10. TMH Laboratory – Preceptors: Kent Coston, Keith Harrison, Michael McLaughlin, Adelle Grosskopf

Methodology of Teaching

A variety of teaching methods will be used, including self-study (Evidence Based Medicine), simulations (Office Procedures, Cardiac Simulator) as well as one on one instruction (Anticoagulation Clinic, Big Bend Hospice, HeartMath®, etc.)

Scheduling

Please make a note of the times on your schedule that you meet with the laboratory technician in the lab, Dr. Treadwell and so on. **YOU MUST CONFIRM YOUR SCHEDULE DURING THE FIRST HALF DAY OF THE ROTATION AND CALL THE APPROPRIATE CONTACT PERSON.** This rotation is challenging to schedule, especially if you take a week’s vacation and missed meetings are difficult to schedule and MUST BE MADE UP. If you cannot attend a session in this rotation or expect to be late, (e.g., you are caught up in urgent patient-care matters) please contact the appropriate preceptor. If you are scheduled with someone from a community agency, you MUST also contact them and let them know if you are late or cannot attend. If you are **unable to attend, please contact the FMRP Admin Office.**

Learning Goals
By the end of this rotation, the resident will be able to:

1. understand the functions of other parts of the Family Medicine Clinic organization and their contribution to patient care (Competencies: Patient Care 9, Systems-Based Practice 1, Medical Knowledge 2)
2. learn specialized skills in the management of anticoagulation patients, diagnosis of heart murmurs, use of HeartMath ® and performance of certain office procedures (Competency: Patient Care 7b)
3. learn the importance of various community resources, such as Neighborhood Health Clinic, Leon County Dental Clinic, TMH Home Health Care and Big Bend Hospice (Competencies: Systems-Based Practice 2, 3, 4, 5)
4. learn the basic tools of Evidence Based Medicine (Competencies: Practice Based Learning and Improvement 2, 3, 4)
5. learn the basic tools of Quality Improvement (Competencies: Practice Based Learning 2, 3, 5)

Learning Objectives

By the end of this rotation, the resident will be able to:

Oral Health
1. describe to the dental preceptor common dental and oral health problems and their treatment (Competencies: Medical Knowledge 2, Patient Care 9)

HeartMath ®
1. list physiological changes associated with balancing autonomic tone as measured through beat to beat variability (Competency: Medical Knowledge 2)
2. identify health enhancing patterns of heart rate variability (high vs low physiological coherence) and list clinical diagnoses impacted by autonomic tone (Competency: Medical Knowledge 2)
3. list, and be able to teach, self-regulatory techniques which are effective in shifting autonomic tone from low to high coherence (Competency: Medical Knowledge 2)

Neighborhood Health Clinic
1. describe the services available at this clinic for the uninsured/underinsured (Competencies: Patient Care 9, Systems-Based Practice 2, 3, 4, 5)

Anticoagulation Clinic
1. demonstrate the proper use of flow sheets and write a problem focused note regarding warfarin (Coumadin®) therapy (Competency: Patient Care 4)
2. determine the proper time for follow-up for individual anti-coagulation patients (Competency: Medical Knowledge 2)
TMH Clinical Laboratory
1. accurately describe and perform common laboratory procedures well enough to perform them independently (Competency: Patient Care 7b)
2. follow the correct procedure for disposing of blood and other body fluids (Competency: Patient Care 7b)
3. correctly complete the encounter forms and lab requisitions (Competency: Patient Care 7b)
4. describe CLIA and Florida quality-assurance measures (controls and procedures) required to operate a high-quality lab (Competency: Patient Care 7b)

Computer Heart Sounds
1. be able to recognize normal heart sounds (Competency: Medical Knowledge 2)
2. be able to recognize and innocent murmur, mitral valve prolapse, mitral stenosis, mitral regurgitation, aortic stenosis, aortic regurgitation (Competency: Medical Knowledge 2)

Evidence Based Medicine
1. review a randomized, placebo-controlled study and determine the applicability of the study results to patients in our office (Competencies: Problem Based Learning 3, 4)
2. identify various approaches to evaluating the validity of various study designs used in clinical research (Competency: Problem Based Learning 4)
3. determine if the results of a study support the conclusions of that study (Competencies: Problem Based Learning 3, 4)
4. use reliable evidence-based resources (Competencies: Problem Based Learning 3, 4)

Quality Improvement
1. select a specific practice based guideline (Competencies: Practice Based Learning and Improvement 2, 3, 4, 5)
2. develop an audit tool based on the above information (Competencies: Practice Based Learning and Improvement 2, 3, 4, 5)

Medical Records/Front Office/Triage
1. participate in the other office functions of the Family Medicine Center (Competency: Patient Care 9)

Office Procedures
1. demonstrate common procedures in a satisfactory manner (Competency: Patient Care 7b)

Tallahassee Memorial Home Health Care
1. describe the basic services and criteria for qualifying for home health care (Competencies: Systems-Based Practice 1, 2)

Big Bend Hospice
1. describe the basic hospice services, how a patient qualifies and how it differs from home health care (Competencies: Systems-Based Practice 1, 2)

Method of Instruction
**Leon County Dental Health Clinic**
The resident will spend 2 half-days at the Leon County Health Clinic seeing patients with a variety of oral conditions, to improve the resident’s care of these patients.

**Heart Math**
The resident will spend 2 half-days with Drs. Brummel-Smith or Snapp learning this technique.

**Transition Center**
The resident will spend 1 half-day with Dr. Quintero seeing uninsured/underinsured patients at this clinic to learn the challenges and rewards in caring for these patients.

**Anticoagulation Clinic**
The resident will spend 4 half-days with Dr. Treadwell at Anticoagulation (Coumadin®) clinic at the Family Medicine Center. The resident will learn the basics of warfarin (Coumadin®) pharmacology, the use of a flow sheet and generating a problem focused note.

**Computer Heart Sounds**
This is a self-taught computerized instruction on normal and abnormal heart sounds. Residents will go to the following website: [www.easyauscultation.com](http://www.easyauscultation.com).

**Evidence Based Medicine**
The resident will spend 3 half-days on this self study exercise to learn the basics of Evidence Based Medicine. It consists of a pre-test, didactic session and post-test.

**Medical Records/Front Office/Triage**
The resident will spend time in these areas to familiarize the resident to the variety and complexity of responsibilities of various staff members to provide the best quality of patient care.

**Tallahassee Memorial Home Health**
The resident will spend 1 half-day with TMH Home Health nurse to learn what types of care are provided by the home health care nurse.

**Big Bend Hospice**
The resident will spend 1 half-day with Big Bend Hospice nurse to learn what types of care are provided by them.

**Required Reading**
1. Evidence Based Medicine Learning CD
2. Principles of Anticoagulation documents received during first session in Anticoagulation Clinic
**Recommended Reading**

**Dental**
Primary Care Dental Health topics at [www.smilesforlifeoralhealth.org](http://www.smilesforlifeoralhealth.org)

**Anticoagulation**

UpToDate Topic: Anticoagulation in older adults.
UpToDate Topic: Management of anticoagulation before and after elective surgery

**Evaluation**
Preceptor evaluations will be filled out by those involved in the rotation. Our laboratory technician records the number of lab tests that the resident accomplishes and observes resident performance for accuracy and efficiency. Pre-tests and post-tests for the Evidence Based Medicine will be turned in to Dr. Treadwell.

**REVISED 06/11/04, 05/25/05, 06/2005, 02/06, 04/07, 06/08, 10/08, 6/10, 9/10, 6/12, 8/15**
**REVIEWED: 06/20/05, 02/06, 04/07, 06/08, 06/09, 6/10, 09/10, 9/11, 6/12**