

**THOMAS JEFFERSON UNIVERSITY
DEPARTMENT OF FAMILY MEDICINE RESIDENCY PROGRAM
2009-2010 ROTATION GOALS AND OBJECTIVES**

YEAR 1

JFMA: First year residents spend 3 Blocks weeks on family practice inpatient service

Learning Objectives	Where/How Learning Occurs	Competency Addressed
At the completion of the rotation, Residents will:		
Evaluates the presenting problem using a focused investigation	JFMA Hospital Service	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	JFMA Hospital Service	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	JFMA Hospital service, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	JFMA Hospital service, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	JFMA Hospital service, inpatient rounds, discussion	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA Hospital service, inpatient rounds, discussion	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services	JFMA Hospital service, inpatient rounds, discussion	Patient Care Systems based Practice Interpersonal and

and coordination of care with specialists if indicated		Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA Hospital service, inpatient rounds, discussion	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA Hospital service, inpatient rounds, discussion	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA Hospital service, inpatient rounds, discussion	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	JFMA Hospital service, inpatient rounds, discussion	Patient Care Systems based Practice Professionalism
Initiate evaluation and emergent treatment for a variety of common symptoms including (although not necessarily confined to) patients presenting with chest pain, abdominal pain, fever, respiratory symptoms such as shortness of breath, lower extremity edema, bowel dysfunction, urinary tract dysfunction, dysfunction of the neurological systemS	Resident conferences a. Metchick, MD, "Inpatient Management of Diabetes Mellitus"; <u>Am J Med</u> ; 2002 b. King, et al., "Acute Management of Atrial Fibrillation: Part I. Rate and Rhythm Control, <u>American Family Physician</u> , {Vol. 66; No. 2; July 15, 2002}	Medical Knowledge Patient Care
Initiate management and outline a general management plan for patients with conditions including (but not necessarily confined to) asthma, coronary artery insufficiency, cerebral vascular insufficiency, pulmonary embolism, pneumonia, diverticulitis, cholecystitis, pancreatitis, bleeding from the GI tract, pyelonephritis, DVT, cardiomyopathy with congestive heart failure, and sepsis;	JFMA Hospital Service Resident conferences	Medical Knowledge Patient Care

Pediatrics-A.I. duPont: First year residents spend two blocks on the inpatient pediatric services at A.I. DuPont. One block consisting of 4 weeks of days and the other consisting of 2 weeks of nights and 2 weeks of days. The goal of this rotation is for the resident to understand and demonstrate the principles and methods of caring for hospitalized pediatric patients.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation, with assistance from patient and family members	A.I. DuPont Hospital for Children	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	A.I. DuPont Hospital for Children	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	A.I. DuPont Hospital for Children, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	A.I. DuPont Hospital for Children, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	A.I. DuPont Hospital for Children, inpatient rounds, discussion	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	A.I. DuPont Hospital for Children, inpatient rounds, discussion	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with	A.I. DuPont Hospital for Children, inpatient rounds, discussion	Patient Care Systems based Practice Interpersonal and Communication Skills

specialists if indicated		Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	A.I. DuPont Hospital for Children, inpatient rounds, discussion	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	A.I. DuPont Hospital for Children, inpatient rounds, discussion	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	A.I. DuPont Hospital for Children	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	A.I. DuPont Hospital for Children, rounds, discussion	Patient Care Systems based Practice Professionalism
Carry out initial evaluation of pediatric patients presenting with symptoms referable to disorders of the respiratory tract, GI tract, neurological system, as well as patients with fever and dehydration;	Resident conferences Nelson's, Harriet Lane, 5 minute Pediatric Consult Various practice guidelines available at following web sites http://www.cincinnatichildrens.org/svc/alpha/h/health-policy/ev-based/ OM, Asthma, Bronchiolitis, AGE, Febrile Infant, Pneumonia, UTI, First Seizure - afebrile, appy http://aappolicy.aappublications.org/ Hyperbili, Febrile Seizure, Nonfebrile first Seizure, AGE, UTI, Closed head trauma, GER http://www.guideline.gov/ http://kidshealth.org/	Medical Knowledge Patient Care
Initiate management of pediatric patients with asthma, pneumonia, with and without respiratory distress, sepsis, meningitis, fever of unknown origin, gastroenteritis including evaluation and management of hydration status.	A.I Dupont Hospital for Children Resident conferences See above references	Medical Knowledge Patient Care

Obstetrics: The first-year obstetric experience focuses predominantly on peri-partum and post-partum management as well as obstetric delivery.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	Jefferson OB Dept	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination, including evaluation of the cervix and uterus	Jefferson OB Dept	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	Jefferson OB Dept, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	Jefferson OB Dept, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	Jefferson OB Dept, inpatient rounds, discussion	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	Jefferson OB Dept, inpatient rounds, discussion	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	Jefferson OB Dept, inpatient rounds, discussion	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care	Jefferson OB Dept, inpatient rounds,	Systems based Practice Professionalism

and administrative tasks	discussion	
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	Jefferson OB Dept, inpatient rounds, discussion	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	Jefferson OB Dept	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	Jefferson OB Dept, rounds, discussion	Patient Care Systems based Practice Professionalism
Understand the stages and mechanisms of labor and how they impact management decisions	Jefferson OB Dept, rounds, discussion, Resident conferences	Medical Knowledge Patient Care
Perform an vaginal delivery with supervision, including performance and repair of episiotomy	Jefferson OB Dept, rounds, discussion, simulation training	Medical Knowledge Patient Care
Understand the indications for fetal monitoring and interpret fetal monitoring strip with supervision	Jefferson OB Dept, rounds, discussion, Resident conferences, simulation training	Medical Knowledge Patient Care
Conduct an organized evaluation of a women presenting in possible labor	Jefferson OB Dept, rounds, discussion, Resident conferences	Medical Knowledge Patient Care
Evaluate the pregnant woman for possible complications of pregnancy with a special focus on pre-eclampsia;	Jefferson OB Dept, rounds, discussion, Resident conferences	Medical Knowledge Patient Care
Initiate early management for patients with pregnancy complications, particularly pre-eclampsia, and to develop a clear understanding of indication for consultation.	Jefferson OB Dept, rounds, discussion, Resident conferences, simulation training	Medical Knowledge Patient Care

Jefferson Emergency Room: First-year residents spend one block in the Jefferson Emergency Department. Although predominant emphasis in this first-year emergency department rotation is given to data gathering, priority setting and formulation of initial management with appropriate consultation, special emphasis is also given to initial management of patients presenting with chest pain, shortness of breath, abdominal pain and fever. Emphasis on management is given to stabilization of the acutely ill patient, establishment of airway, breathing, and circulatory supports. All residents are certified in basic and advanced CPR prior to completion of their residency. The course may or may not be taken during the emergency department rotation.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	Jefferson Emergency Dept	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	Jefferson Emergency Dept	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	Jefferson Emergency Dept, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	Jefferson Emergency Dept, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	Jefferson Emergency Dept, inpatient rounds, discussion	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	Jefferson Emergency Dept, inpatient rounds, discussion	Practice-Based Learning Interpersonal and Communication Skills Professionalism

Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	Jefferson Emergency Dept, inpatient rounds, discussion	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	Jefferson Emergency Dept, inpatient rounds, discussion	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	Jefferson Emergency Dept, inpatient rounds, discussion	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	Jefferson Emergency Dept	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	Jefferson Emergency Dept, rounds, discussion	Patient Care Systems based Practice Professionalism
Understand and apply basic principles of triage	Jefferson Emergency Dept	Medical Knowledge Patient Care
Develop an appropriate outline for initial management for acutely ill patients presenting to the emergency department, including appropriate request for supervision and consultation	Jefferson Emergency Dept, Resident conferences, simulation training	Medical Knowledge Patient Care

Surgery: This rotation is comprised of two weeks of inpatient surgery and a one week outpatient. The goal of the surgical rotation is to improve residents' understanding of the role of surgical evaluation management and the patient's physiologic response to surgical intervention as well as to improve procedural skills.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	Jefferson Dept of Surgery	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	Jefferson Dept of Surgery	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	Jefferson Dept of Surgery, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	Jefferson Dept of Surgery, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	Jefferson Dept of Surgery, inpatient rounds, discussion	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	Jefferson Dept of Surgery, inpatient rounds, discussion	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	Jefferson Dept of Surgery, inpatient rounds, discussion	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism

Works with colleagues to share responsibilities for patient care and administrative tasks	Jefferson Dept of Surgery, inpatient rounds, discussion	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	Jefferson Dept of Surgery, inpatient rounds, discussion	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	Jefferson Dept of Surgery	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	Jefferson Dept of Surgery, rounds, discussion	Patient Care Systems based Practice Professionalism
Recognize a variety of acute surgical problems	Jefferson Dept of Surgery, Resident conferences	Medical Knowledge Patient Care
Elicit symptoms and signs of conditions that require surgical management	Jefferson Dept of Surgery, Resident conferences	Medical Knowledge Patient Care
Develop an approach to diagnostic evaluation of potential surgical conditions	Jefferson Dept of Surgery	Medical Knowledge Patient Care
Develop an initial management plan that emphasizes stabilization of the patient and, when relevant, preparation for surgery	Jefferson Dept of Surgery, Resident conferences	Medical Knowledge Patient Care
Carry out appropriate procedures to prepare patients for surgery	Jefferson Dept of Surgery	Medical Knowledge Patient Care
Have an approach to post-operative management, emphasizing appropriate rehabilitation;	Jefferson Dept of Surgery	Medical Knowledge Patient Care
Begin to develop an approach to managing coexisting medical conditions for patients with surgical problems;	Jefferson Dept of Surgery	Medical Knowledge Patient Care
Develop increased comfort with procedural skills, such as insertion of central, arterial, femoral venous catheter, variety of suture techniques, subcutaneous incisions, draining abscesses	Jefferson Dept of Surgery, Resident conferences, simulation training	Medical Knowledge Patient Care

Family Medical Center A & B: The goal of these two four-week blocks is to orient interns to functioning in the family medical center. This includes introduction to and appreciation of the role of each office staff member, understanding charting procedures, overview of billing with an emphasis in the role of the provider, case management and introduction to ambulatory care. An additional goal is to increase the number of patients for whom the first year resident provides continuous primary care.

The Family Practice Center Orientation month includes an introduction to community medicine and Population Health with exposure to clinical care in multiple community settings. The goals of these sessions are that residents will be able to understand the concept of community oriented primary care, have an overview of the health problems of the Philadelphia area, and develop an initial understanding of the role of social agencies and the departmental social worker in addressing patient and family needs. This is accomplished through a series of community and home visits, including clinical care and health education. Interns will also develop an appreciation of the role of drug treatment programs through a rotation in a methadone treatment center. Dr. Altshuler will create the schedule and any questions are to be directed to him.

Learning Objectives	Where/How Learning Occurs	Competency Addressed
At the completion of the rotation, Residents will:		
Evaluates the presenting problem using a focused investigation	JFMA FPC Office	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	JFMA FPC Office	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	JFMA FPC Office, discussions with preceptor	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	JFMA FPC Office, discussions with preceptor	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	JFMA FPC Office, discussions with preceptor	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills

		Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA FPC Office, discussions with preceptor	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	JFMA FPC Office, discussions with preceptor	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA FPC Office	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA FPC Office	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA FPC Office	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	JFMA FPC Office, discussions with preceptor	Patient Care Systems based Practice Professionalism
Identify each office staff member and have a general understanding of the role that they play in the provision of care	JFMA FPC Office, discussion, orientation with staff	Systems based Practice Interpersonal and Communication Skills Professionalism
Begin to develop an approach to the biopsychosocial model including taking a history relevant to social supports, stressors, and perceived stress.	JFMA FPC Office, resident conferences, morning report	Patient Care Interpersonal and Communication Skills Professionalism

Intensive Care Unit: The resident will rotate 4 weeks in the intensive care unit. The goal of this rotation is to become familiar with the acute care and management of severely ill patients.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	Methodist ICU	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	Methodist ICU	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	Methodist ICU, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	Methodist ICU, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	Methodist ICU, inpatient rounds, discussion	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	Methodist ICU, inpatient rounds, discussion	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	Methodist ICU, inpatient rounds, discussion	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care	Methodist ICU, inpatient rounds, discussion	Systems based Practice Professionalism

and administrative tasks		
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	Methodist ICU, inpatient rounds, discussion	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	Methodist ICU	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	Methodist ICU, rounds, discussion	Patient Care Systems based Practice Professionalism
Assess and treat acute coronary syndrome	Methodist ICU, rounds, discussion, Resident conferences	Medical Knowledge Patient Care
Recognize and treat cardiac arrhythmias and heart block;	Methodist ICU, rounds, discussion, Resident conferences	Medical Knowledge Patient Care
Manage and diagnose septic shock	Methodist ICU, rounds, discussion, Resident conferences	Medical Knowledge Patient Care
Recognize and treat ARDS	Methodist ICU, rounds, discussion, Resident conferences	Medical Knowledge Patient Care
Discuss prognoses and code status with patients' families	Methodist ICU, discussion, Resident conferences	Patient Care Interpersonal and Communication Skills Professionalism

Long term Care/Nursing Home Rotation: The goal of this longitudinal rotation is for the resident to be exposed to and become skilled in the medical management of frail, elderly patients in the long term care setting.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	Assigned nursing home	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	Assigned nursing home	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	Assigned nursing home, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	Assigned nursing home, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	Assigned nursing home, discussion	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	Assigned nursing home, discussion	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with	Assigned nursing home, inpatient rounds, discussion	Patient Care Systems based Practice Interpersonal and Communication Skills

specialists if indicated		Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	Assigned nursing home, discussion	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	Assigned nursing home, discussion	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	Assigned nursing home	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	Assigned nursing home, rounds, discussion	Patient Care Systems based Practice Professionalism
Understand the importance of the multidisciplinary team approach to providing quality care and to maintain physical, social, and emotional well being of patients in the long-term care setting.	Assigned nursing home, rounds, discussion, a. Various practice guidelines for nursing home care at http://www.amda.com/tools/clinicalcorners.cfm	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Manage geriatric syndromes commonly seen in the long-term care setting such as dementia, urinary incontinence, depression, falls, failure to thrive, polypharmacy and pressure ulcers.	Assigned nursing home, rounds, discussion, Resident conferences	Medical Knowledge Patient Care
Understand the scope of care that can be provided in a long-term care setting from rehabilitation to palliative care	Assigned nursing home, rounds, discussion, Resident conferences	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Gain knowledge of ethical issues in the long term care setting such as advance directives, decision-making capacity, pain management, end-of-life care.	Assigned nursing home, rounds, discussion, Resident conferences	Medical Knowledge Patient Care Systems based Practice
Understand federal and state regulations for the care of patients in long-term care facilities, including the use of physical restraints and psychotropic medications	Assigned nursing home, rounds, discussion, Resident conferences	Patient Care Systems based Practice

Geriatrics: The goal of this rotation is to provide knowledge and clinical experience in geriatric medicine in a variety of settings including geriatric ambulatory clinic, geriatric consultation service, palliative care service, sub-acute and long-term care facilities, and home care settings.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	JFMA Geriatric practice locations	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	JFMA Geriatric practice locations	Medical Knowledge Patient Care Interpersonal and Communication Skills
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA Geriatric practice locations, inpatient rounds, discussion	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA Geriatric practice locations, inpatient rounds, discussion	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA Geriatric practice locations, inpatient rounds, discussion	Systems based Practice Interpersonal and Communication Skills Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	JFMA Geriatric practice locations, rounds, discussion	Patient Care Systems based Practice Professionalism
Show respect and compassion for the autonomy and dignity of older persons.	JFMA Geriatric practice locations	Patient Care Interpersonal and Communication Skills Professionalism
Perform the components of a comprehensive geriatric assessment (ADL, IADL, cognitive function, gait and	JFMA Geriatric practice locations	Medical Knowledge Patient Care

mobility).		
Understand the interdisciplinary approach to care of older adults.	JFMA Geriatric practice locations	Systems based Practice
Demonstrate knowledge of end-of-life care including management of symptoms such as pain.	JFMA Geriatric practice locations, Resident conferences	Medical Knowledge Patient Care Systems based Practice
Detect, evaluate and manage common geriatric syndromes such as dementia, falls, weight loss, incontinence, depression, delirium, and osteoporosis	JFMA Geriatric practice locations, Resident conferences	Medical Knowledge Patient Care
Medically manage older patients with multiple co-morbid chronic illnesses on multiple medications.	JFMA Geriatric practice locations, Resident conferences	Medical Knowledge Patient Care Systems based Practice
Facilitate medical decision-making for elderly patients, incorporating medical assessment as well as patient values and preferences	JFMA Geriatric practice locations, Resident conferences	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills
Coordinate care of patients between ambulatory settings, hospital, and long-term care, including home care, nursing homes, and hospice care	JFMA Geriatric practice locations	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills
Support health promotion and disease prevention in the context of life expectancy	JFMA Geriatric practice locations	Medical Knowledge Patient Care
Identify and work effectively with older adults' caregivers.	JFMA Geriatric practice locations	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism

YEARS 1, 2, 3

Behavioral Science: A biopsychosocial understanding of the patient is central to the work of the family physician. The goal of the behavioral medicine curriculum is to assure that the resident is competent in attending to behavioral medicine issues in the clinical setting.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	JFMA office, JFMA Hospital service, Community partners	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	JFMA office, JFMA Hospital service, Community partners	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	JFMA office, JFMA Hospital service, Community partners	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	JFMA office, JFMA Hospital service, Community partners	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	JFMA office, JFMA Hospital service, Community partners	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA office, JFMA Hospital service, Community partners, discussion	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services	JFMA office, JFMA Hospital service, Community partners	Patient Care Systems based Practice Interpersonal and

and coordination of care with specialists if indicated		Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA office, JFMA Hospital service, Community partners	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA office, JFMA Hospital service, Community partners	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA office, JFMA Hospital service, Community partners	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	JFMA office, JFMA Hospital service, Community partners	Patient Care Systems based Practice Professionalism
<p>Possesses the appropriate medical knowledge as it pertains to the attitude, knowledge and skills in attending to the following areas:</p> <ol style="list-style-type: none"> 1. the biopsychosocial model of illness 2. doctor patient relationship 3. interviewing, communication and case formulation 4. life cycle and family issues 5. physician "coping" resources 6. mental disorders 7. behavioral problems 8. psychiatric emergencies 9. psychotherapeutic interventions 10. psychosocial interventions 	<p>JFMA office, JFMA Hospital service, Community partners</p> <p><u>Recommended Reading:</u></p> <p>a. Robinson WD. Geske JA. Prest LA Barnacle R.: Depression Treatment in Primary Care. Journal of the American Board of Family Practice. 18 (2):79-86,2005 March-April.</p> <p>b. Searight, HR The Outsider: Reflections on Behavioral Science in Family Medicine. Family Medicine 1999; 31 (4) 232-234.</p>	Medical Knowledge Patient Care

Practice Management: Residents learn practice management longitudinally over the three years of residency. The modalities for learning include experiential learning, monthly conference, office committees and team meetings. The goal of this experience is to learn the skills necessary to efficiently deliver patient care and to continuously improve the multiple elements of care delivery within a medical practice.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	JFMA office, JFMA Hospital service	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	JFMA office, JFMA Hospital service	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	JFMA office, JFMA Hospital service	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	JFMA office, JFMA Hospital service	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	JFMA office, JFMA Hospital service	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA office, JFMA Hospital service	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with	JFMA office, JFMA Hospital service	Patient Care Systems based Practice Interpersonal and Communication Skills

specialists if indicated		Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA office, JFMA Hospital service	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA office, JFMA Hospital service	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA office, JFMA Hospital service	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	JFMA office, JFMA Hospital service	Patient Care Systems based Practice Professionalism
At the completion of this experience residents will be able to: 1. accurately code and bill for all services provided 2. understand the issues involved in office facilities including deign/layout, buying equipment, laboratory regulations, office based procedures 3. understand the organizational structure of the office including chain of command, number and types of support staff 4. understand the operations of the office including patient flow, scheduling, responsibilities of varies staff, telephone triage system, chart and filing options 5. understand issues of employee relations including recruitment, hiring, evaluation 6. utilize computers for multiple aspects of patient care including scheduling, obtaining patient laboratory data, and researching medical questions 7. understand and be able to assess the different practice opportunities available to family	a. Aita V, Dodendorf DM, Lebsack JA, et al. „Patient care staffing patterns and roles in community-based family practices. JFP 2001;50(10):www.jfponline.com. b. Waller TA. “Coding level-IV visits without fear”. Family Practice Management. 2006 www.aafp.org/fpm .	Medical Knowledge Patient Care

physicians 8. Understand the basic concepts of managed care and continuous quality improvement.		
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All residents attend Practice Management meetings at noon on the 3rd Thursday of the month. All residents attend team meetings on the 2nd Thursday of the month.

YEAR 2

Newborn - Pediatrics: The goal of this 2-week rotation is to develop an approach to evaluation of the newborn.

Learning Objectives	Where/How Learning Occurs	Competency Addressed
At the completion of the rotation, Residents will:		
Evaluates the presenting problem using a focused investigation, including the use of prenatal and perinatal history to assist in appropriate evaluation of the newborn;	Inpatient TJUH nursery, labor and delivery, inpatient rounds, informal discussions	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination of the newborn including evaluation of physical maturity using appropriate scales;	Inpatient TJUH nursery, labor and delivery	Medical Knowledge Patient Care Interpersonal and Communication Skills
Recognize and initiate treatment of common problems arising in the newborn period including but not limited to jaundice/hyperbilirubinemia, sepsis, hypoglycemia, trauma (cephalohematoma, clavicular fracture), withdrawal from maternally ingested substances, apnea, congenital abnormalities;	Inpatient TJUH nursery, labor and delivery, inpatient rounds, informal discussions. <u>Selected readings:</u> a. Emmett, Gary. Field Guide to the Normal Newborn. 2004	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	Inpatient TJUH nursery, labor and delivery, inpatient rounds, informal discussions	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and	Inpatient TJUH nursery, labor and delivery	Medical Knowledge Patient Care

plan to the patient, including instructions to parents of newborns regarding immediate newborn care as well as anticipatory guidance;		Systems based Practice Interpersonal and Communication Skills Professionalism
Assist in and develop an approach to assessment and stabilization of the newborn including applying the APGAR scale;	Inpatient TJUH nursery, labor and delivery	Medical Knowledge Patient Care
Counsel patients about the issues involved in circumcision of newborn males.	Inpatient TJUH nursery, labor and delivery, inpatient rounds, informal discussions	Medical Knowledge Patient Care
Monitor infants through the delivery of appropriate immunization and other preventive therapies;	Inpatient TJUH nursery, labor and delivery, inpatient rounds, informal discussions	Medical Knowledge Patient Care
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	Inpatient TJUH nursery, labor and delivery, inpatient rounds, informal discussions	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	Inpatient TJUH nursery, labor and delivery, inpatient rounds, informal discussions	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	Inpatient TJUH nursery, labor and delivery, inpatient rounds, informal discussions	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	Inpatient TJUH nursery, labor and delivery, inpatient rounds, informal discussions	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	Inpatient TJUH nursery, labor and delivery, inpatient rounds, informal discussions	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely,	Inpatient TJUH nursery, labor and delivery, inpatient rounds, informal	Patient Care Systems based Practice Professionalism

organized and professional manner	discussions	
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Outpatient Pediatrics: The goal of this four-week rotation is to gain experience and expertise in managing routine outpatient pediatric problems.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	Jefferson Pediatrics Practice	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a thorough history and physical on children including age appropriate screening	Jefferson Pediatrics Practice	Medical Knowledge Patient Care Interpersonal and Communication Skills
Address age appropriate health maintenance issues for children	Jefferson Pediatrics Practice	Medical Knowledge Patient Care
Understand the complexities of the current immunization schedule.	Jefferson Pediatrics Practice	Medical Knowledge Patient Care
Diagnose and treat common outpatient pediatric problems including but not limited to: -otitis media -rashes -failure to thrive and obesity -urinary tract infections -asthma and bronchiolitis -behavioral issues -developmental delay.	Jefferson Pediatrics Practice <u>Selected readings:</u> a. Brindis CD, Morreale MC, English A. "The unique health care needs of adolescents" www.futureofchildren.org 13(1) (http://www.futureofchildren.org/pubs-info2825/pubs-info_show.htm?doc_id=161387) b. McManus, R. Patrick. "Adolescent Care: Reducing Risk and Promoting Resilience." In Primary Care: Clinics in	Medical Knowledge Patient Care

	Office Practice. 29 (2002) 1-13.	
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	Jefferson Pediatrics Practice	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	Jefferson Pediatrics Practice	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	Jefferson Pediatrics Practice	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	Jefferson Pediatrics Practice	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	Jefferson Pediatrics Practice	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	Jefferson Pediatrics Practice	Patient Care Systems based Practice Professionalism

Obstetrics: The obstetrics experience in the second year includes 2 weeks on the labor and delivery floor. The objectives for this two week rotation are similar to the objectives for the first year rotation. Increased emphasis is given in the second-year to prenatal care.

Learning Objectives	Where/How Learning Occurs	Competency Addressed
At the completion of the rotation, Residents will:		
Evaluates the presenting problem using a focused investigation	Jefferson OB Dept	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination, including evaluation of the cervix and	Jefferson OB Dept	Medical Knowledge Patient Care Interpersonal and Communication Skills

uterus		
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	Jefferson OB Dept, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	Jefferson OB Dept, inpatient rounds	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	Jefferson OB Dept, inpatient rounds, discussion	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	Jefferson OB Dept, inpatient rounds, discussion	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	Jefferson OB Dept, inpatient rounds, discussion	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	Jefferson OB Dept, inpatient rounds, discussion	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	Jefferson OB Dept, inpatient rounds, discussion	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	Jefferson OB Dept	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	Jefferson OB Dept, rounds, discussion	Patient Care Systems based Practice Professionalism
Understand the stages and mechanisms of labor and how	Jefferson OB Dept, rounds, discussion,	Medical Knowledge Patient Care

they impact management decisions	Resident conferences	
Perform an vaginal delivery with supervision, including performance and repair of episiotomy	Jefferson OB Dept, rounds, discussion, simulation training	Medical Knowledge Patient Care
Understand the indications for fetal monitoring and interpret fetal monitoring strip with supervision	Jefferson OB Dept, rounds, discussion, Resident conferences, simulation training	Medical Knowledge Patient Care
Conduct an organized evaluation of a women presenting in possible labor	Jefferson OB Dept, rounds, discussion, Resident conferences	Medical Knowledge Patient Care
Evaluate the pregnant woman for possible complications of pregnancy with a special focus on pre-eclampsia;	Jefferson OB Dept, rounds, discussion, Resident conferences	Medical Knowledge Patient Care
Initiate early management for patients with pregnancy complications, particularly pre-eclampsia, and to develop a clear understanding of indication for consultation.	Jefferson OB Dept, rounds, discussion, Resident conferences, simulation training	Medical Knowledge Patient Care

Gynecology: Residents have a four-week rotation in outpatient gynecology. The goal of this rotation is to increase the resident's expertise with gynecologic disorders.

Learning Objectives	Where/How Learning Occurs	Competency Addressed
At the completion of the rotation, Residents will:		
Evaluates the presenting problem using a focused investigation	JFMA office, JFMA Hospital service, Gyn procedures	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	JFMA office, JFMA Hospital service, Gyn procedures	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	JFMA office, JFMA Hospital service, Gyn procedures	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
(1) Evaluate and manage common outpatient gynecologic	JFMA office, JFMA Hospital service, Gyn	Medical Knowledge Patient Care

<p>disorders including abnormal uterine bleeding, menstrual disorders, pelvic inflammatory disease, menopausal concerns and hormone replacement, urinary incontinence, sexually transmitted diseases;</p> <p>(2) Demonstrate primary care management of infertility and identify indications for referral; apply comprehensive approach to evaluation and management of chronic pelvic pain;</p> <p>(3) Evaluate the abnormal pap smear and management of cervical dysplasia including colposcopy, cervical biopsy and endocervical curettage;</p> <p>(4) Evaluate abnormal uterine bleeding and perform an endometrial biopsy.</p>	<p>procedures</p> <p><u>Selected readings</u></p> <p>a. Wright, Thomas. 2001 consensus guidelines for the management of women with cervical intraepithelial neoplasia. Journal of lower genital tract diseases 2003; 7(3): 154-167. *available on line at asccp.org under "consensus guidelines"</p> <p>b. Wright, Thomas. 2001 consensus guidelines for the management of women with cervical cytological abnormalities. Journal of Lower Genital Tract Disease 2002: 6(2): 127-143. *available on line at asccp.org under "consensus guidelines"</p> <p>c. "A nice review of case studies takes you through cytology reading, colposcopy, pathological diagnosis, and management guidelines. It's on Jeffline from our very own Charles Dunton (a well know cervical pathologist) and is a great resource.</p> <p>d. "Colposcopy Image Library" by Drs. Gregory Brotzman, Mark Spitzer and Barbara Apgar. http://jeffline.jefferson.edu/jeffcme/online/case_studies.html</p> <p>e. "Colposcopy Image Library" by Drs. Gregory Brotzman, Mark Spitzer and Barbara Apgar</p>	
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Presents a well-organized and understandable case to the attending	JFMA office, JFMA Hospital service, Gyn procedures	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	JFMA office, JFMA Hospital service, Gyn procedures	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA office, JFMA Hospital service, Gyn procedures	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	JFMA office, JFMA Hospital service, Gyn procedures	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA office, JFMA Hospital service, Gyn procedures	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA office, JFMA Hospital service, Gyn procedures	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA office, JFMA Hospital service, Gyn procedures	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	JFMA office, JFMA Hospital service, Gyn procedures	Patient Care Systems based Practice Professionalism

Dermatology: The goal of the rotation is to help residents be able to recognize, describe and treat common dermatological conditions

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	JFMA office, Jefferson Dermatology	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate skin physical examination	JFMA office, Jefferson Dermatology	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable dermatologic conditions	JFMA office, Jefferson Dermatology	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	JFMA office, Jefferson Dermatology	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	JFMA office, Jefferson Dermatology	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA office, Jefferson Dermatology	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	JFMA office, Jefferson Dermatology	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism

Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA office, Jefferson Dermatology	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA office, Jefferson Dermatology	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA office, Jefferson Dermatology	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	JFMA office, Jefferson Dermatology	Patient Care Systems based Practice Professionalism
Perform common dermatological procedures including punch biopsies, excision of skin lesions, cryosurgery, incision and drainage, intralesional injections, scraping and KOH preparation.	JFMA office, Jefferson Dermatology	Medical Knowledge Patient Care

YEARS 2 AND 3

Sports Medicine/Orthopedics: The goal of these rotations is to improve residents' ability to accurately diagnose a wide variety of musculoskeletal complaints in both children and adults.

Learning Objectives	Where/How Learning Occurs	Competency Addressed
At the completion of the rotation, Residents will:		
Evaluates the presenting problem using a focused investigation	JFMA Sports Medicine Department, Rothman Institute, High school/College games	Medical Knowledge Patient Care Interpersonal and Communication Skills
(1) Perform preparticipation physical examinations that screen for cardiac and musculoskeletal injury risk	JFMA Sports Medicine Department, Rothman Institute, High school/College games	Medical Knowledge Patient Care Interpersonal and Communication Skills
(2) Conduct appropriate examination of the back, diagnose common sources of	<u>Selected readings</u> a. Hoppenfeld, Stanley. Orthopaedic Neurology.	

<p>back pain, and understand basic principles of management of back problems.</p> <p>(3) Diagnose by history and physical exam common athletic and performance injuries and manage them appropriately;</p>	<p>A Diagnostic Guide to Neurologic Levels. Lippincott-Raven Publishers, 1997.</p> <p>b. Magee DJ. "Orthopaedic Physical Assessment. W.B. Saunders, 2002.</p>	
<p>(1) Prescribe physical therapies and orthotics based on patients presenting diagnoses;</p> <p>(2) Demonstrate proficiency in joint injection;</p> <p>(3) Order diagnostic imaging appropriate to the work-up of presenting musculoskeletal complaints and have familiarity interpreting results;</p> <p>(4) Employ the biopsychosocial model to provide general medical care to athletes at all levels.</p> <p>(5) Be familiar with common variants in childhood lower limb development including understanding indications for intervention;</p>	<p>JFMA Sports Medicine Department, Rothman Institute, High school/College games</p> <p>Resident conference</p> <p>Procedures clinic</p>	<p>Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills</p>
<p>Presents a well-organized and understandable case to the attending</p>	<p>JFMA Sports Medicine Department, Rothman Institute, High school/College games</p>	<p>Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism</p>
<p>Presents a well-organized and understandable diagnosis and plan to the patient</p>	<p>JFMA Sports Medicine Department, Rothman Institute, High school/College games</p>	<p>Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism</p>
<p>Locates and utilizes evidence-based resources in the care of an</p>	<p>Explore website resources: UpToDate,</p>	<p>Practice-Based Learning</p>

individual or patient group	MDCConsult, etc	
Accepts and incorporates faculty feedback	JFMA Sports Medicine Department, Rothman Institute, High school/College games	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	JFMA Sports Medicine Department, Rothman Institute, High school/College games	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA Sports Medicine Department, Rothman Institute, High school/College games	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA Sports Medicine Department, Rothman Institute, High school/College games	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA Sports Medicine Department, Rothman Institute, High school/College games	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	JFMA Sports Medicine Department, Rothman Institute, High school/College games	Patient Care Systems based Practice Professionalism
Provide sideline coverage for teams at the high school and collegiate level;	JFMA Sports Medicine Department, Rothman Institute, High school/College games	Medical Knowledge Patient Care

Elective: Residents have six –weeks of elective in the second year and eight –weeks of electives in the third year. These are rotations developed by the resident to meet his or her individual needs and interests. The program director and the resident’s advisor monitor the content of the electives. The resident is expected to develop specific goals and objectives for each elective (see Elective Policy).

Pediatric Emergency Room: Residents have a 4-week rotation in the emergency department at A.I. Dupont Hospital in year 2 and a 2 week Block at St Christopher’s Hospital for Children in year 3. The goal of these rotations is to solidify skills of assessment and management of acutely ill children presenting to a community pediatric emergency department.

<p style="text-align: center;">Learning Objectives</p> <p style="text-align: center;">At the completion of the rotation, Residents will:</p>	<p style="text-align: center;">Where/How Learning Occurs</p>	<p style="text-align: center;">Competency Addressed</p>
<p>Evaluates the presenting problem using a focused investigation</p>	<p>DuPont ER, St. Chris ER</p>	<p>Medical Knowledge Patient Care Interpersonal and Communication Skills</p>
<p>1. Assess and treat emergent and urgent illnesses in pediatric populations with particular emphasis on the child presenting with wheezing, fever, laceration, poisoning, and injury; 2. Recognize and be familiar with mechanisms to report childhood abuse; 3. Perform common procedures including splinting, laceration repair, lumbar puncture, bladder catheterization and suprapubic bladder tap, venipuncture, and insertion of intravenous lines.</p>	<p>DuPont ER, St. Chris ER, Procedures workshops, Resident didactic conferences</p> <p><u>Selected readings</u></p> <p>a. Pediatric Emergency Medicine Secrets (part of the Secrets series)- edited by Selbst and Cronan (many chapters written by duPont faculty). Published by Hanley and Belfus (Elsevier)</p> <p>b. Nelson's, Harriet Lane, 5 minute Pediatric Consult</p> <p>c. Philadelphia Guide - Inpatient Pediatrics</p> <p>d. Various practice guidelines available at following web site in decreasing order of use. http://www.cincinnatichildrens.org/svc/alpha/h/health-policy/ev-based OM, Asthma, Bronchiolitis, AGE, Febrile Infant, Pneumonia, UTI, First Seizure - afebrile, apy http://aappolicy.aappublications.org Hyperbili, Febrile Seizure, Nonfebrile first Seizure,</p>	<p>Medical Knowledge Patient Care Interpersonal and Communication Skills</p>

	<p>AGE, UTI, Closed head trauma, GER http://www.guideline.gov/</p> <p>e. Parent anticipatory guideline information. Books - Barton Schmidt's http://kidshealth.org/</p> <p>f.http://www.hospitalmedicine.org/Content/NavigationMenu/Education/CoreCurricu</p>	
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	DuPont ER, St. Chris ER	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	DuPont ER, St. Chris ER	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	DuPont ER, St. Chris ER	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	DuPont ER, St. Chris ER	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	DuPont ER, St. Chris ER	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	DuPont ER, St. Chris ER	Systems based Practice Professionalism
Works together with staff in a	DuPont ER, St. Chris ER	Systems based Practice

manner that fosters mutual respect and facilitates an effectively run practice		Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	DuPont ER, St. Chris ER	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	DuPont ER, St. Chris ER	Patient Care Systems based Practice Professionalism

Maternal-Child Health: In the second and third year, residents spend six weeks total as the obstetrics coverage for the family practice center (FMC) and actively works in Labor & Delivery.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	JFMA office, Labor and delivery, post-partum floors, newborn nursery	Medical Knowledge Patient Care Interpersonal and Communication Skills
<ol style="list-style-type: none"> 1. Evaluate and triage pregnant patients who present to the delivery room and the FMC; 2. Evaluate and follow pregnant patients who are admitted to the hospital for medical problems (i.e. admissions for asthma, pyelonephritis); 3. Evaluate and manage patients in preterm labor; 4. Perform circumcisions including dorsal penile nerve block on newborn males; 5. Evaluate and follow newborns in the nursery. (see Goals and Objectives for Newborn-Pediatrics) 	<p>JFMA office, Labor and delivery, post-partum floors, newborn nursery</p> <p><u>Selected readings:</u></p> <ol style="list-style-type: none"> a. <u>Family Practice Obstetrics</u>, 2nd Edition, by Ratcliffe (2001). Some of the information is outdated but it's a good bread and butter text, and still has some very relevant material. b. <u>ALSO syllabus</u> (receive at the beginning of 2nd year, or interns can borrow from an upper year). Excellent reference for emergencies 	<p>Medical Knowledge Patient Care Interpersonal and Communication Skills</p>

	on the labor deck	
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	JFMA office, Labor and delivery, post-partum floors, newborn nursery	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	JFMA office, Labor and delivery, post-partum floors, newborn nursery	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	JFMA office, Labor and delivery, post-partum floors, newborn nursery, inpatient rounds, discussion	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA office, Labor and delivery, post-partum floors, newborn nursery	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	JFMA office, Labor and delivery, post-partum floors, newborn nursery	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA office, Labor and delivery, post-partum floors, newborn nursery, inpatient rounds, discussion	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA office, Labor and delivery, post-partum floors, newborn nursery, inpatient rounds, discussion	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA office, Labor and delivery, post-partum floors, newborn nursery	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely,	JFMA office, Labor and delivery, post-partum floors, newborn nursery,	Patient Care Systems based Practice Professionalism

organized and professional manner	rounds, discussion	
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Family Medicine; Inpatient/Night Float: Second year residents spend eight weeks and third year residents spend four weeks as the supervisory resident on the inpatient family medicine service. Additionally, residents spend six weeks total in Year 2 & 3 as the supervising resident on night float. The goal of this rotation is to help the resident become independent in management of acutely ill adult medical patients.

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds, discussion.	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds, discussion.	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds, discussion.	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds, discussion.	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds, discussion.	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds,	Practice-Based Learning Interpersonal and Communication Skills

	discussion.	Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds, discussion.	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds, discussion.	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds, discussion.	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds, discussion.	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds, discussion.	Patient Care Systems based Practice Professionalism
Specifically, residents will be able to: 1. assess severity of illness and the need for inpatient care in emergency room and outpatient settings; 2. organize and implement an efficient, cost effective inpatient plan; 3. provide appropriate supervision for junior residents and senior medical students; 4. serve the role as principle communicator with the patient, family, and caretakers; 5. facilitate the transition from inpatient to outpatient care using discharge planning, home health agencies, and primary physicians; 6. teach colleagues and students	Thomas Jefferson Emergency Room, JFMA inpatient service, rounds, discussion. <u>Selected Readings:</u> a. Metchick, MD, “Inpatient Management of Diabetes Mellitus”; <u>Am J Med</u> ; 2002 b. King, et al., “Acute Management of Atrial Fibrillation: Part I. Rate and Rhythm Control, <u>American Family Physician</u> , {Vol. 66; No. 2; July 15, 2002} c. Agarwal, MD, and Swartz, MD, “Acute Renal Failure”, <u>American</u>	Medical Knowledge Patient Care

<p>on clinically-generated topics;</p> <p>7. present cases from the inpatient service in monthly morbidity and mortality rounds.</p> <p>8. Present cases from night float in Friday AM Conferences.</p>	<p><u>Family Physician</u>, {April 1, 2000})</p> <p>d. Zanger, Solomon, Gersh, “Contemporary Management of Angina: Part I. Risk Assessment.” <u>American Family Physician</u>, {December 1999})</p> <p>e. Johnston, MD, PhD, “Transient Ischemic Attack”, <u>The New England Journal of Medicine</u>, {Vol. 347; No. 21; November 21, 2002</p> <p>f. Gibbons,, MD, et al., “ACC/AHA 2002 Guideline Update for Exercise Testing”, www.acc.org</p> <p>g. Chunilal, et al., “Does this Patient Have Pulmonary Embolism?”, <u>The Journal of the American Medical Association</u>, {Vol. 290; No. 21; December 3, 2003 }</p> <p>h. Palm, MD, and Decker, MD, “Acute Exacerbations of Chronic Obstructive Pulmonary Disease”, <u>Emergency Medicine Clinics of North America</u>, {Vol. 21; No. 2; May 2003})</p> <p>i. Oh, MD, and Pisegna, MD, “Management of Upper Gastrointestinal Bleeding”, <u>Clinics in Family Practice</u>, {Vol. 6;</p>	
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	No. 3; September 2004} j. Fine, MD, et al., “A Prediction Rule to Identify Low-Risk Patients with Community-Acquired Pneumonia”, <u>The New England Journal of Medicine</u> , {Vol. 336; No. 4; January 23, 1997})	
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FMC (Longitudinal Experiences): The goals of this rotation are for the resident to be exposed to and become skilled in the management of a broad range of family medicine issues including geriatric medicine, adolescent medicine, and home visits and to further develop efficiency and proficiency in a busy office practice. .

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology, Ophthalmology, Orthopedics, ENT), QICD group visits.	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology, Ophthalmology, Orthopedics, ENT), QICD group visits.	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology, Ophthalmology, Orthopedics, ENT), QICD group visits.	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology,	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and

	Ophthalmology, Orthopedics, ENT), QICD group visits.	Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology, Ophthalmology, Orthopedics, ENT), QICD group visits.	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology, Ophthalmology, Orthopedics, ENT), QICD group visits.	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology, Ophthalmology, Orthopedics, ENT), QICD group visits.	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology, Ophthalmology, Orthopedics, ENT), QICD group visits.	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology, Ophthalmology, Orthopedics, ENT), QICD group visits.	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology, Ophthalmology,	Professionalism

	Orthopedics, ENT), QICD group visits.	
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology, Ophthalmology, Orthopedics, ENT), QICD group visits.	Patient Care Systems based Practice Professionalism
At the end of this rotation the resident will be able to: 1. efficiently evaluate and manage common ambulatory care problems 2. perform comprehensive adult physical exams and health maintenance 3. perform well child care including anticipatory guidance and health maintenance 4. perform a comprehensive evaluation of the adolescent patient 5. document clinical activity in the medical record in a timely, concise fashion that appropriately reflects level of service billed and problem addressed 6. accurately complete all office billing forms for each visit 7. demonstrate improved time management skills by providing timely care to an increasing number of patients over the three years. 8. utilize office staff in supportive behavior that facilitates efficient patient care 9. conduct a thorough home visit on home bound patients with attention to both medical and social needs 10. provide assessments and management of complex elderly	JFMA outpatient office, Coumadin clinic, Home visits, Refugee clinic, subspecialties (Urology, Ophthalmology, Orthopedics, ENT), QICD group visits. <u>Selected Readings:</u> a. duBreuil AL. Umland EM. "Outpatient Management of Anticoagulation Therapy". b. Ebell MH. "Point-of-Care Guides: Evidence-Based Initiation of Warfarin (Coumadin)". AFP February 15, 2006. Dunn A. "Perioperative Management of Oral Anticoagulation: When and How to Bridge". J Thromb thrombolysis 2006;21(1):85-89. c. Minnesota Refugee Health Provider Guide d. Agarwal, MD, and Swartz, MD, "Acute Renal Failure", <u>American Family Physician</u> , {April 1, 2000}	Medical Knowledge Patient Care

<p>patients in a nursing home and understand the importance of team management and collaboration in the care of these patients</p> <ol style="list-style-type: none">11. Perform an initial refugee health intake physical examination.12. Perform a complete head and neck examination, including use of nasal speculum;13. Participate in indirect and direct laryngoscopy, bimanual oral exam;14. Perform an exam to screen for head and neck cancers;15. Diagnose and manage common ENT problems including:<ul style="list-style-type: none">-acute and chronic sinusitis;-allergic syndromes;-a variety of acute and chronic diseases of the middle ear;-acute and chronic pharyngitis;-dizziness and vertigo;-tinnitus and hearing loss;-hoarseness.16. Perform a complete urologic exam including rectal, prostate, and testicular exam.17. Detect prostate cancer through physical examination and appropriate testing;18. Diagnose and initiate management of common urologic problems including:<ul style="list-style-type: none">-acute and chronic prostatitis;-renal calculi;-benign prostatic hyperplasia;19. Understand approach to evaluation of common urologic problems including:<ul style="list-style-type: none">-male infertility;-male sexual dysfunction;		
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-scrotal masses; -hematuria; -penile disorders including priapism and peyronie’s disease. 20. Conduct an appropriately directed ophthalmologic history and physical examination; 21. Conduct a physical examination with instruments that are routinely available to the family physician; 22. Understand the role of additional ophthalmologic instruments, specifically indirect fundoscopy, fluroscein angiography, and slit-lamp examination; 23. Understand the initial management of eye injuries; 24. Understand the progression of chronic open angle glaucoma and resultant physical finding; 25. Understand the indications for ophthalmologic consultation.		
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Community Medicine: This is a longitudinal experience occurring over the second and third year of residency after an introduction during the FMC blocks in Year 1. The goal of this experience is for residents to be skilled at implementing the community oriented primary care model in a given community. At the completion of this experience residents will be able to:

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	Community Partners (St. Elizabeths, YES, JeffHOPE, Health Centers), informal discussions	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	Community Partners (St. Elizabeths, YES, JeffHOPE, Health Centers), informal discussions	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and	Community Partners (St.	Medical Knowledge

potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	Elizabeths, YES, JeffHOPE, Health Centers), informal discussions	Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	Community Partners (St. Elizabeths, YES, JeffHOPE, Health Centers), informal discussions	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	Community Partners (St. Elizabeths, YES, JeffHOPE, Health Centers), informal discussions	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	Community Partners (St. Elizabeths, YES, JeffHOPE, Health Centers), informal discussions	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	Community Partners (St. Elizabeths, YES, JeffHOPE, Health Centers), informal discussions	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	Community Partners (St. Elizabeths, YES, JeffHOPE, Health Centers), informal discussions	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	Community Partners (St. Elizabeths, YES, JeffHOPE, Health Centers), informal discussions	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	Community Partners (St. Elizabeths, YES, JeffHOPE, Health Centers), informal discussions	Professionalism
Completes the task of the defined session so that all necessary tasks	Community Partners (St. Elizabeths, YES,	Patient Care Systems based Practice

are accomplished in a timely, organized and professional manner	JeffHOPE, Health Centers), informal discussions	Professionalism
At the completion of this experience residents will be able to: 1. conduct needs assessments on an identified population; 2. access epidemiologic data about a geographically defined community; 3. collaborate with other health professionals, social service agencies, and community members in designing interventions to impact the health of a community; 4. understand the community's role in health problems and solutions; 5. practice COPC through health education; 6. deliver healthcare in established COPC models.	Community Partners (St. Elizabeths, YES, JeffHOPE, Health Centers), informal discussions <u>Selected Readings:</u> See COPC handbook in resident room.	Medical Knowledge Patient Care

YEAR 3

Subspecialty Selectives: Third-year residents have a longitudinal experience with a variety of sub-specialty areas during FMC Longitudinal A and B.

Population health: An overall goal of our residency program is to train residents to meet the population health needs of underserved communities. The population health block is an innovative 2 week experience during the 3rd year with the goals of providing residents with on-site exposure to the work of public health agencies and federal and city based projects in chronic disease management as well as to participate in interdisciplinary teams providing care and services to vulnerable populations.

Learning Objectives	Where/How Learning Occurs	Competency Addressed
At the completion of the rotation, Residents will:		
Evaluates the presenting problem using a focused investigation	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE,	Medical Knowledge Patient Care Interpersonal and Communication Skills

	Health Centers), informal discussions	
Performs a competent and appropriate physical examination	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE, Health Centers), informal discussions	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE, Health Centers), informal discussions	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE, Health Centers), informal discussions	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE, Health Centers), informal discussions	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE, Health Centers), informal discussions	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE, Health Centers), informal discussions	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE, Health Centers), informal	Systems based Practice Professionalism

	discussions	
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE, Health Centers), informal discussions	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE, Health Centers), informal discussions	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE, Health Centers), informal discussions	Patient Care Systems based Practice Professionalism
At the completion of this experience residents will be able to: 1. Understand the role of community-based organizations and health centers in enhancing the health of individuals and populations, and in augmenting the health delivery system. 2. Identify specific health and social needs of selected vulnerable populations. 3. Identify barriers to care for specific vulnerable populations 4. Assist members of vulnerable population to overcome internal and external barriers to health and medical care. 5. Understand the role of community health education in disease management in selected populations. 6. Understand and implement methods for assessing the health needs, assets and barriers of populations/neighborhoods.	Homeless outreach, JFMA office, Community Partners (i.e. St. Elizabeth's, JeffHOPE, Health Centers), informal discussions <u>Selected Readings:</u> a. Project Home. A nationally-recognized non-profit organization addressing homelessness and poverty in Philadelphia. b. Weinstein LC, Plumb JD, Brawer R. "Community engagement of men". Primary Care: Clinics in Office Practice 2006;33:247-259. c. Kindig D, Stoddart G. "What is population health?" Am J Public Health 2003;93:380-83.	Medical Knowledge Patient Care

<p>7. Provide care to vulnerable populations with cultural and linguistic competence</p>	<p>d. OCC Review of Street Homelessness, Winter 2005-2006.</p> <p>e. Gladwell M. “Million-dollar murray”. The New Yorker February 13, 2006. Dept. of Social Services.</p> <p>f. Blueprint to End Homelessness. www/blueprinttoendhomelessness.org.</p> <p>g. Geringer D. “Resurrection: North Philly neighbors bring drug-infested blocks back from the dead”. Philadelphia Daily News, April 30, 2002.</p> <p>h. Fagan K. “Success in the city of brotherly love: the city that knows how – Philly Philadelphia effort stems tide of homelessness – can S.F. learn from it?” Sunday, June 13, 2004. www.sfgate.com.</p> <p>i. “Health Literacy: A prescription to end confusion”. Committee on Health Literacy Board on Neuroscience and Behavioral Health, Nielsen-Bohlman L, Panzer AM, Kindig DA, editors. Institute of Medicine of the National Academies. Washington, D.C., www.nap.edu</p> <p>j. Mitka M. “Chronic homeless in intervention</p>	
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	spotlight". JAMA 2006;295(20):2344-2345.	
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Cardiology: Residents have a 2-week rotation in cardiology. The goal of this rotation is enhance the clinical skills in cardiology and learn appropriate indications for diagnostic modalities.

Learning Objectives	Where/How Learning Occurs	Competency Addressed
At the completion of the rotation, Residents will:		
Evaluates the presenting problem using a focused investigation	JFMA office, Outpatient Cardiology (Dr. Poll, Dr. Cooper, Dr. Watson), informal discussions.	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	JFMA office, Outpatient Cardiology (Dr. Poll, Dr. Cooper, Dr. Watson), informal discussions.	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	JFMA office, Outpatient Cardiology (Dr. Poll, Dr. Cooper, Dr. Watson), informal discussions.	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	JFMA office, Outpatient Cardiology (Dr. Poll, Dr. Cooper, Dr. Watson), informal discussions.	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	JFMA office, Outpatient Cardiology (Dr. Poll, Dr. Cooper, Dr. Watson), informal discussions.	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA office, Outpatient Cardiology (Dr. Poll, Dr. Cooper, Dr. Watson), informal discussions.	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access	JFMA office, Outpatient Cardiology (Dr. Poll, Dr.	Patient Care Systems based Practice

to necessary ancillary services and coordination of care with specialists if indicated	Cooper, Dr. Watson), informal discussions.	Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA office, Outpatient Cardiology (Dr. Poll, Dr. Cooper, Dr. Watson), informal discussions.	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA office, Outpatient Cardiology (Dr. Poll, Dr. Cooper, Dr. Watson), informal discussions.	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA office, Outpatient Cardiology (Dr. Poll, Dr. Cooper, Dr. Watson), informal discussions.	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	JFMA office, Outpatient Cardiology (Dr. Poll, Dr. Cooper, Dr. Watson), informal discussions.	Patient Care Systems based Practice Professionalism
Upon completion of the rotation residents will be able to: 1. perform comprehensive cardiovascular history and physical exam; 2. demonstrate competence in interpretation of 12 lead ECG; 3. exhibit timely and cost effective use of diagnostic modalities in assessing the ambulatory cardiac patient including exercise and pharmacological ECG, echocardiographic and nucleotide stress testing, ambulatory ECG monitoring, echocardiography; 4. assess and manage common ambulatory cardiac diagnoses including HTN, CAD, CHF, valvular disease, atrial fibrillation; 5. Demonstrate appropriate use of common pharmacotherapeutic agents in office including	JFMA office, Outpatient Cardiology (Dr. Poll, Dr. Cooper, Dr. Watson), informal discussions.	Medical Knowledge Patient Care

antihypertensives, diuretics, digoxin, coumadin, nitrates, anti platelet agents, lipid lowering agents.		
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Procedures/COPC: On this longitudinal rotation, residents focus on a variety of office procedures for a half-day per week six weeks. In addition, COPC occurs on Wednesday afternoons (Please see Community Medicine Goals and Objectives).

Learning Objectives At the completion of the rotation, Residents will:	Where/How Learning Occurs	Competency Addressed
Evaluates the presenting problem using a focused investigation	JFMA outpatient office, Mazzoni Center, Specialty office, Community Partners, informal discussions and teaching.	Medical Knowledge Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	JFMA outpatient office, Mazzoni Center, Specialty office, Community Partners, informal discussions and teaching.	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	JFMA outpatient office, Mazzoni Center, Specialty office, Community Partners, informal discussions and teaching.	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	JFMA outpatient office, Mazzoni Center, Specialty office, Community Partners, informal discussions and teaching.	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	JFMA outpatient office, Mazzoni Center, Specialty office, Community Partners, informal discussions and teaching.	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA outpatient office, Mazzoni Center, Specialty	Practice-Based Learning Interpersonal and

	office, Community Partners, informal discussions and teaching.	Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	JFMA outpatient office, Mazzoni Center, Specialty office, Community Partners, informal discussions and teaching.	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA outpatient office, Mazzoni Center, Specialty office, Community Partners, informal discussions and teaching.	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA outpatient office, Mazzoni Center, Specialty office, Community Partners, informal discussions and teaching.	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA outpatient office, Mazzoni Center, Specialty office, Community Partners, informal discussions and teaching.	Professionalism
Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner	JFMA outpatient office, Mazzoni Center, Specialty office, Community Partners, informal discussions and teaching.	Patient Care Systems based Practice Professionalism
Residents learn a variety of techniques for removal of skin lesions, treatment of subcutaneous infections, flexible sigmoidoscopy and coloscopies.	JFMA outpatient office, Mazzoni Center, Specialty office, Community Partners, informal discussions and teaching. <u>Selected Readings:</u> a. Wright, Thomas. 2001 consensus guidelines for the management of women with cervical intraepithelial neoplasia. Journal of lower genital tract diseases 2003; 7(3): 154-167. *available on line at asccp.org under	Medical Knowledge Patient Care

	<p>"consensus guidelines"</p> <p>b. Wright, Thomas. 2001 consensus guidelines for the management of women with cervical cytological abnormalities. Journal of Lower Genital Tract Disease 2002; 6(2): 127-143. *available on line at asccp.org under "consensus guidelines"</p> <p>c. "A nice review of case studies takes you through cytology reading, colposcopy, pathological diagnosis, and management guidelines. It's on Jeffline from our very own Charles Dunton (a well know cervical pathologist) and is a great resource.</p> <p>d. "Colposcopy Image Library" by Drs. Gregory Brotzman, Mark Spitzer and Barbara Apgar. http://jeffline.jefferson.edu/jeffcme/online/case_studies.html</p> <p>e. "Colposcopy Image Library" by Drs. Gregory Brotzman, Mark Spitzer and Barbara Apgar</p>	
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Day Float: Residents will be available and flexible to respond to evolving needs in the day-to-day care of FMC patients in both the inpatient and outpatient setting.

Learning Objectives	Where/How Learning Occurs	Competency Addressed
<p>At the completion of the rotation, Residents will:</p> <p>Evaluates the presenting problem</p>	<p>JFMA outpatient office,</p>	<p>Medical Knowledge</p>

using a focused investigation	Inpatient hospital service, rounds, discussions.	Patient Care Interpersonal and Communication Skills
Performs a competent and appropriate physical examination	JFMA outpatient office, Inpatient hospital service, rounds, discussions.	Medical Knowledge Patient Care Interpersonal and Communication Skills
Prioritizes the probable and potential diagnoses to ensure that attention is given to the most likely, most serious and most readily treatable options	JFMA outpatient office, Inpatient hospital service, rounds, discussions.	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills
Presents a well-organized and understandable case to the attending	JFMA outpatient office, Inpatient hospital service, rounds, discussions.	Medical Knowledge Patient Care Practice-Based Learning Interpersonal and Communication Skills Professionalism
Presents a well-organized and understandable diagnosis and plan to the patient	JFMA outpatient office, Inpatient hospital service, rounds, discussions.	Medical Knowledge Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Locates and utilizes evidence-based resources in the care of an individual or patient group	Explore website resources: UpToDate, MDConsult, etc	Practice-Based Learning
Accepts and incorporates faculty feedback	JFMA outpatient office, Inpatient hospital service, rounds, discussions.	Practice-Based Learning Interpersonal and Communication Skills Professionalism
Assists patients with complex disease processes, ensures access to necessary ancillary services and coordination of care with specialists if indicated	JFMA outpatient office, Inpatient hospital service, rounds, discussions.	Patient Care Systems based Practice Interpersonal and Communication Skills Professionalism
Works with colleagues to share responsibilities for patient care and administrative tasks	JFMA outpatient office, Inpatient hospital service, rounds, discussions.	Systems based Practice Professionalism
Works together with staff in a manner that fosters mutual respect and facilitates an effectively run practice	JFMA outpatient office, Inpatient hospital service, rounds, discussions.	Systems based Practice Interpersonal and Communication Skills Professionalism
Understands and acts on ethical principles	JFMA outpatient office, Inpatient hospital service, rounds, discussions.	Professionalism

<p>Completes the task of the defined session so that all necessary tasks are accomplished in a timely, organized and professional manner</p>	<p>JFMA outpatient office, Inpatient hospital service, rounds, discussions.</p>	<p>Patient Care Systems based Practice Professionalism</p>
<p>Residents are to check in daily with the inpatient team to assist with Admissions, complete work on the team, and supervise interns and students. Residents may be needed to assist on outpatient care in order to ensure continuity of deliveries and peer FMC hours. Residents will also see consults in conjunction with the hospital service attending, including preoperative clearance and co-management of patients on other services.</p>	<p>JFMA outpatient office, Inpatient hospital service, rounds, discussions.</p> <p><u>Selected Readings:</u> a. Agarwal, MD, and Swartz, MD, “Acute Renal Failure”, <u>American Family Physician</u>, {April 1, 2000}) b. Zanger, Solomon, Gersh, “Contemporary Management of Angina: Part I. Risk Assessment.” <u>American Family Physician</u>, {December 1999}) c. Johnston, MD, PhD, “Transient Ischemic Attack”, <u>The New England Journal of Medicine</u>, {Vol. 347; No. 21; November 21, 2002 d. Gibbons,, MD, et al., “ACC/AHA 2002 Guideline Update for Exercise Testing”, www.acc.org</p>	<p>Medical Knowledge Patient Care</p>
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