PGY-1 Ambulatory Care: HIV Management

Preceptors
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Learning Experience Description
The trainee on rotation is part of a multidisciplinary health care team providing care to HIV-infected patients in the LifeCare clinic. They will work in collaboration with infectious disease physicians, nurse practitioners, pharmacists, social workers, and other clinic staff to provide comprehensive medical care and social services. Most of the trainee’s time will be spent learning HIV pharmacotherapy and related topics, providing adherence and medication counseling to patients, documenting patient interactions in the medical record, and answering drug information requests from other healthcare providers. The trainee will be involved in direct patient care activities and interpersonal communications with healthcare providers to learn and refine skills pertinent to the management of HIV-infected patients. For more information about the LifeCare program, please visit the website: http://iuhealth.org/methodist/hiv-aids/

Requirements of Learning Experience

Required Attendance
• The LifeCare clinic is open between 10:30am to 6:30pm on Mondays and 8:30am to 5:00pm Tuesday through Friday. Trainees are expected to arrive and be prepared for clinic prior to patient arrival every day and remain available until clinic closes every day or longer as required to complete rotation activities. Trainees are allowed up to a one-hour lunch break daily. In the event of an unexpected absence from clinic, for any reason, the trainee is required to contact the preceptor prior to 8am on the day of the absence. If there is an anticipated absence known to the trainee prior to the start of the rotation, the trainee is required to contact the preceptor in advance to discuss the expected absence.

Required Meetings
• Attend necessary orientation sessions, clinic meetings, and department presentations as dictated by preceptor (i.e. Pharmacy Grand Rounds, Pharmacy Report, Clinic Case Conference, etc.).

Required Presentations
• Present at least ONE 30 minute educational in-service with a handout to clinic or pharmacy staff on an HIV-related topic to be determined with preceptor
• Prepare and present at least ONE journal club on an article that was published no later than 2 months prior to start of rotation related to the management of HIV disease.
Required Readings/Topic Discussions

- Actively review, discuss, prepare for, participate in and/or present topic discussion(s) as assigned by preceptor. Be prepared to discuss the pathophysiology, epidemiology, symptomatology, surrogate markers, treatment options, and monitoring parameters for those disease states and infections commonly seen in HIV-infected patients, including, but not limited to:
  - HIV infection and AIDS
  - Opportunistic Infections (PCP, Candidiasis, Toxoplasmosis, CMV, Cryptococcal meningitis, Tuberculosis, MAI, etc.)
  - Fungal Infections
  - Viral Infections (CMV, HSV, Varicella, Kaposi Sarcoma, etc.)
  - Hepatitis (HBV, HCV)
  - Gastrointestinal Infections
  - Respiratory Tract Infection
  - Sexually Transmitted Infections
  - PEP / PrEP

- Discuss the pathophysiology, etiology, risk assessment, treatment options, monitoring parameters, and patient education for those disease states occurring in HIV-infected patients, including, but not limited to:
  - Hypertension
  - Cardiovascular disease
  - Hyperlipidemia
  - Lipodystrophy
  - Diabetes mellitus
  - Mental Health disease/Depression/Anxiety
  - Polysubstance abuse
  - Smoking cessation
  - Liver disease
  - Wasting syndrome
  - Dementia
  - HIV-related malignancies
  - Renal dysfunction
  - Osteoporosis
  - Disorders of the Central Nervous System
  - GERD
  - Chronic Pain
  - Neuropathies

- Become intimately familiar with common drug therapies, recommended dosages, and therapeutic uses of the following:
  - Antiretrovirals
  - Antivirals
  - Anti-infectives
  - Immunomodulators
  - Vaccines
- Empiric, prophylactic, and discontinued use of anti-infectives

**Learning Experience Evaluated Goals**

**Goal R2.3:** Establish collaborative pharmacist-patient relationships.

**Goal R2.5:** When necessary, make and follow up on patient referrals.

**Goal R2.8:** Recommend or communicate regimens and monitoring plans.

**Goal R2.11:** Communicate ongoing patient information.

**Goal R2.12:** Document direct patient care activities appropriately.

**Goal R5.1:** Provide effective medication and practice-related education, training, or counseling to patients, caregivers, health care professionals, and the public.

**Learning Experience Activities, Assessment Criteria and Corresponding Learning Experience Goals/Objectives**

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<tr>
<th>Learning Experience Activity</th>
<th>Learning Experience Objectives</th>
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<tr>
<td>Communicate effectively in daily practice using verbal and non-verbal communication</td>
<td>R2.3.1; R2.8.1</td>
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<td>Adjust his/her communication style according to the health literacy level of the patient and demonstrate effective communication in difficult situations.</td>
<td>R2.3.1; R 2.8.1; R5.1.1</td>
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<td>Evaluate current dosage regimens for appropriateness based on patient’s weight, renal function, resistance history, concomitant diseases and medications, current guidelines, and lab values such as CD4 count and viral load.</td>
<td>R2.8.1</td>
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<td>Identify when a patient has health care needs that cannot be met by the pharmacist and make a referral to the appropriate health care provider based on the patient’s acuity and the presenting problem. Devise a plan for follow-up for a referred patient. Communicate pertinent pharmacotherapeutic information to the receiving health care professionals</td>
<td>R2.5.1; R2.5.2; R 2.11.1</td>
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<tr>
<td>Recommend or communicate a patient-centered, evidence-based therapeutic regimen and corresponding monitoring plan to other members of the interdisciplinary team and patients in a way that is systematic, logical, accurate, timely, and secures consensus from the team and patient.</td>
<td>R 2.8.1; R 2.11.2;</td>
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<td>Present prepared assigned patient cases to preceptor in clear and logical format.</td>
<td>R2.11.2; R5.1.1, R5.1.2; R 5.1.3; R5.1.3; R5.1.4; R5.1.5; R 5.1.6</td>
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<td>Appropriately document all patient interactions and interventions in medical record as directed by preceptor. Tardiness of documentation is unprofessional and will be dealt with in the following manner: first infraction: verbal warning;</td>
<td>R2.11.2; R2.12.2</td>
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second infraction: written warning; third infraction: written warning including program director and/or conference with program director.

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<td>Evaluate adherence to antiretroviral therapy via multiple methods (self report, pharmacy refill data, etc.) and provide adherence aids or referrals as appropriate.</td>
<td>R 2.8.1; R2.11.2;</td>
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<tr>
<td>Participate in the medication reconciliation process for patients seen in the LifeCare clinic.</td>
<td>R 2.8.1; R2.11.2;</td>
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<td>Review current published DHHS guidelines for the management of HIV disease in Adults and Adolescents and collect pertinent patient and resistance data prior to a patient’s appointment with the clinic pharmacist.</td>
<td>R 2.8.1; R2.11.2;</td>
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**Methods of Evaluation**

Evaluation of residents will be based on the above learning experience goals and objectives. The preceptor and resident will review the resident’s customized plan and the learning experience rotation document on the first day of rotation. Feedback will include, but not be limited to: verbal and/or written mid-point and end of rotation evaluations of the resident, preceptor and learning experience.

Patient Confidentiality: Respect for patient confidentiality is essential at ALL times. Any breach of patient confidentiality will result in immediate failure of the rotation, removal from rotation site, and notification of the program director. LifeCare providers take the confidential provider-patient relationship of their HIV-infected clients very seriously. Trainees must be aware and cautious of all communication with/about patients because it is not always known who is aware of a patient’s HIV diagnosis. All protected health information must not leave the rotation site.