

HIV ADVANCED (YEAR 2) PHARMACY RESIDENCY

Casey House HIV Inpatient Services Rotation

Site:

Casey House
119 Isabella Street
Toronto, ON M4Y 1P2
(416) 962-7600
www.caseyhouse.com

Description:

Casey House's Inpatient Program provides specialized, interprofessional HIV/AIDS care for people living at the advanced stages of HIV/AIDS. Most of the people admitted to Casey House are able to return home with their health stabilized in a matter of weeks or days, and with ongoing support through our community nursing program.

Duration of Rotation:

Total time 5 weeks.

Preceptors:

Dr. Malika Sharma
Medical Director
Msharma@caseyhouse.ca

Pharmacist (TBD)

Goals:

1. To acquire an appropriate degree of knowledge of various HIV-related topics in order to adequately and efficiently identify, resolve and prevent drug-related problems in hospital inpatients with HIV/AIDS.
2. To allow the resident to develop and apply critical thinking skills, in order to analyze and integrate pertinent disease, drug and patient data for the purposes of being able to provide pharmaceutical care.

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3. To develop an understanding and appreciation of the role of the pharmacist in providing direct patient care to hospital inpatients with HIV/AIDS.

Objectives:

1. The resident will acquire, via an evidence based approach, knowledge of the principles and strategies for preventing and treating HIV infection and opportunistic infections, including but not limited to:

Pneumocystis jiroveci pneumonia (PJP)
Toxoplasmosis
Tuberculosis
Mycobacterium avium complex (MAC)
Cryptococcal meningitis
Candidiasis
Cytomegalovirus infections
Herpes Simplex virus infections

2. The resident will acquire, via an evidence based approach, knowledge of the principles and strategies for treating other medical conditions commonly encountered in inpatients with HIV/AIDS, including but not limited to:

Mental Health
Weight loss/wasting
Peripheral neuropathy
Community acquired pneumonia
Fluid/Electrolyte Abnormalities
Hepatitis
Pain (Acute and Chronic)
Opioid and other addictions

Chronic Kidney Disease
Cardiovascular disease
Thromboembolic disease
Diabetes Mellitus
Anemia
Malignancy (e.g. sarcoma, lymphoma)
Palliative Care

3. The resident will acquire an understanding of drug-related issues commonly encountered in the management of patients with HIV/AIDS, including:

Medication adherence issues

Drug induced symptoms

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Drug interactions

Medication cost/acquisition

Management of multi-resistant HIV virus

4. The resident will develop and practice the skills necessary to anticipate and prevent, and/or identify and resolve individual patients' drug related problems, including but not limited to.

Patient interview

Critical appraisal of pertinent literature

Formulation and justification of pharmacy care plans

Identification of pertinent monitoring parameters

Verbal communication of plans to patient, family members and health care team

Documentation in patient's chart

5. The resident will develop the skills necessary to become an independent practitioner capable of life long learning.

Other Activities

In addition to direct patient care, the resident will/may be expected to:

1. Attend Inter-professional Rounds
 - Thursday's 8:30am (4th floor conference room)
 - Save DTPs for MD's after rounds
 - MD's : Casey House physicians, HIV specialist, Psychiatrist, residents
2. Nursing Visits
 - to be determined
3. Provide drug information to other members of the HIV team upon request.
4. Present on a topic of interest/controversy to the HIV team.
5. Develop drug administration protocols for high risk medications, or working on other projects of need/interest to the HIV team.
6. Participate in patient and/or staff education in the Casey House Day Program

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Assessment and Evaluation

- The resident will complete a written self-assessment at midpoint (2.5 weeks) and at the end of the rotation (5 weeks).
- The primary preceptor, in collaboration with the secondary preceptors if needed, will complete a mid-point assessment (verbal or written) at 2.5 weeks and a written final assessment at 5 weeks.
- Verbal feedback will be given throughout the rotation.
- The clinical rotation assessment form will be used for these assessments.
- At the end of the rotation, the resident will also complete an evaluation of the rotation and of the preceptor(s).