

Longitudinal Knowledge Tracking Form Resident Name:

The purpose of this document is: 1) to allow residents to identify and track progress on key knowledge areas throughout their residency year 2) serve as a tool to assist resident with identification of rotation specific objectives 3) for preceptor awareness of knowledge areas addressed. The resident will maintain this document and present to the rotation preceptor at the start of each rotation.

Pre-defined topics	Indicate knowledge level for topics covered (as applicable) in each rotation: 1 - Novice: Minimal, or “textbook” knowledge without connection to practice 2 - Beginner: Basic working knowledge with connection to some key aspects of practice 3 - Competent: Good working and background understanding of topic and area of practice 4- Proficient: Depth of understanding of discipline and area of practice 5 - Expert: Authoritative knowledge of discipline and deep tacit understanding across area of practice								
	Comm-unity	Amb Care 1 (UHN)	In Patient (CH)	Amb Care 2 (UHN)	Elective	Amb Care 1 (MUHC)	Geriatrics (MUHC)	TDM (MUHC)	Amb Care 2 (MUHC)
HIV: Viral replication, viral dynamics, reservoirs / sanctuary sites, assays, interpreting results									
Immunology: Immunosuppression, CD4, CD8, CD4/CD8 ratio, other targeted cells, interpreting results									
Antiretrovirals: Mechanism of action, pharmacokinetics, side effects, dosing, administration									
Drug coverage, strategies to resolve accessibility issues									
Drug resistance (genetic barrier, within-class resistance, transmitted vs. developing resistance, interpreting genotypic and phenotypic data)									
Therapeutic drug monitoring (clinical trials, indications, how to prescribe TDM, interpreting results, PK/PD parameters (IQ, vIQ, GIQ, IIP), choosing appropriate targets, limitations of TDM)									
Adverse drug reactions (acute, temporary, chronic, idiosyncratic), drug-induced liver injury; strategies for management of adverse drug reactions									

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HIV associated nephropathy									
HIV dementia and HIV associated neurocognitive disorder									
HIV wasting									
Comorbidities:									
Diabetes									
Cardiovascular disease (hypertension, hyperlipidemia, coronary disease), stroke, venous thromboembolic disease (DVT/PE))									
Mental health (depression, anxiety, insomnia, etc)									
Gastro-esophageal reflux disease (GERD), peptic ulcer disease (PUD)									
Epilepsy/seizures									
Pain management (neuropathic, chronic, acute)									
Osteopenia/osteoporosis, bone health									
Smoking cessation									
Substance use disorder, opioid substitution therapy									