Review

## Antiretroviral Drug Interactions: Overview of Interactions Involving New and Investigational Agents and the Role of Therapeutic Drug Monitoring for Management

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**Abstract:** The clinical significance of antiretroviral drug interactions is reviewed, with a focus on new and investigational agents. An overview of the mechanistic basis for drug interactions and the effect of individual antiretrovirals on CYP450 and UGT isoforms are provided. Interactions between antiretrovirals and medications for other co-morbidities are summarized. The role of therapeutic drug monitoring in the detection and management of antiretroviral drug interactions is also briefly discussed.

Keywords: antiretrovirals; pharmacokinetics, drug interactions

		Predicted Enzyme Effect						
	Antiretroviral	3A4	2B6	2C9	2C19	2D6	1A2	UGT
PIs	Atazanavir		ı		_a	ı		
	Darunavir/r					_a		
	Fosamprenavir			ı	_a	ı	ı	_
	Indinavir		1	ı	1	_a	ı	
	Lopinavir/r					_a		
	Nelfinavir		ı			ı		
	Ritonavir	b						
	Saquinavir		-	_a	-	1	-	_
	Tipranavir/r							