

Table 22b. Drug Effects on Concentration NNRTIs

Drug Affected	Nevirapine	Delavirdine	Efavirenz
PIs and NNRTIs			
Indinavir (IDV)	Levels: IDV decrease 28%; NVP no effect. Dose: IDV 1000 mg q8h or consider IDV/RTV, NVP standard.	Levels: IDV increase >40%; DLV no effect. Dose: IDV 600 mg q8h. DLV standard.	Levels: IDV decrease 31%. Dose: IDV 1000 mg q8h or consider IDV/RTV, EFV standard.
Ritonavir (RTV)	Levels: RTV decrease 11%. NVP no effect. Dose: Standard.	Levels: RTV increase 70%. DLV: no effect. Dose: DLV standard. RTV: no data.	Levels: RTV increase 18%. EFV increase 21%. Dose: Standard.
Saquinavir (SQV)	Levels: SQV decrease 25%. NVP no effect. Dose: Consider SQV-sgc/RTV 400/400 or 1000/100 BID or SQV-hgc/RTV 1000/100 BID.	Levels: SQV [†] increase 5 times; DLV no effect. Dose: Fortovase 800 mg tid, DLV standard (monitor transaminase levels).	Levels: SQV [‡] decrease 62%. EFV decrease 12%. SQV is not recommended to be used as sole PI when EFV is used. Dose: Consider SQV-sgc/RTV 400/400.
Nelfinavir (NFV)	Levels: NFV increase 10%. NVP no effect. Dose: Standard.	Levels: NFV increase 2 times; DLV decrease 50%. Dose: No data (monitor for neutropenic complications).	Levels: NFV increase 20%. Dose: Standard.
Amprenavir (APV)	No data.	Levels: APV AUC increase 130%. DLV AUC decrease 61%. Dose: Co-administration not recommended.	Levels: APV AUC decrease 36%. Dose: Add RTV 200 mg to standard APV dose or consider APV/RTV 450/200 mg; EFV dose standard.
Fosamprenavir (fos-APV)	No data.	Presumably similar PK affects as APV. Dose: Co-administration not recommended.	Levels: fos-APV C _{min} decreases 36% (when dosed at 1400 mg qd with 200 mg of RTV). Dose: 1400 mg qd with 300 mg qd of RTV or 700 mg bid with 100 mg bid or RTV.
Lopinavir/Ritonavir (LPV/RTV)	Levels: LPV C _{min} decrease 55%. Dose: Consider LPV/r 533/133 mg bid. NVP dose standard.	Levels: LPV levels expected to increase. Dose: Insufficient data.	Levels: LPV AUC decrease 40%. EFV no change. Dose: Consider LPV/r 533/133 mg bid. EFV dose standard.
Atazanavir (ATV)	No data. A decrease in ATV levels is expected.	No data.	Levels: ATV AUC decrease 74%, EFV no change. Dose: Recommend ATV/r 300/100 mg each given once daily with food; EFV standard.
Nevirapine (NVP)	No data.	No data.	Levels: NVP: no effect. EFV: AUC decrease 22%.
Delavirdine (DLV)	No data.	No data.	No data.

* Several drug interaction studies have been completed with saquinavir given as Invirase or Fortovase. Results from studies conducted with Invirase may not be applicable to Fortovase.

† Study conducted with Fortovase.

‡ Study conducted with Invirase.