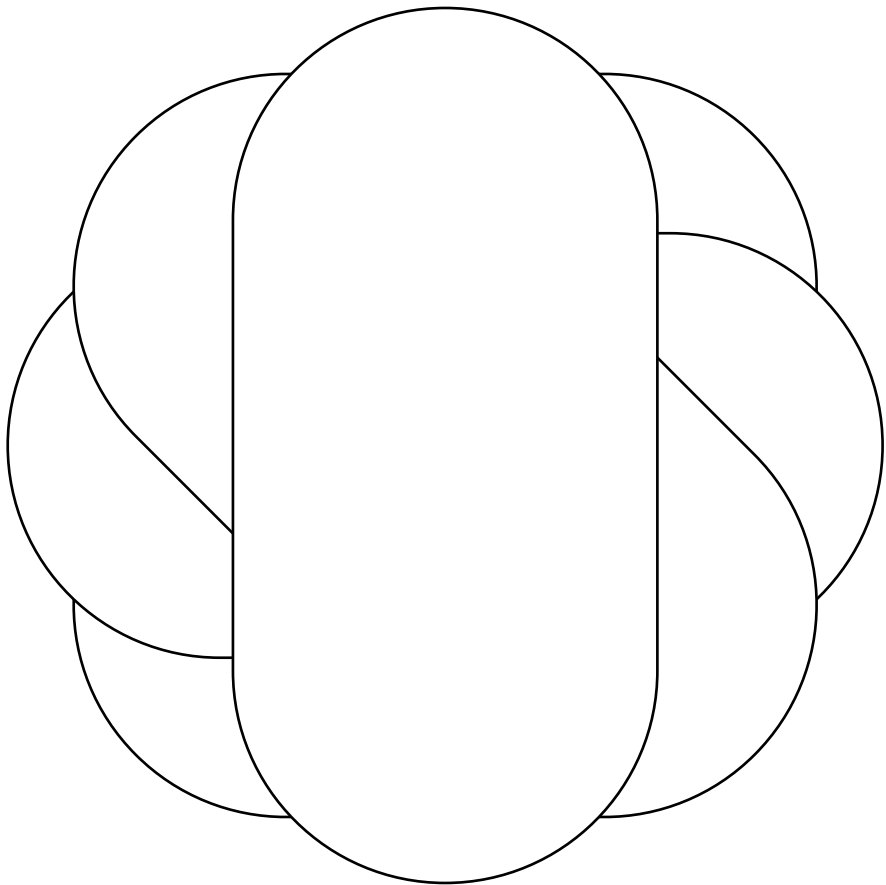




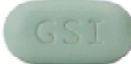
ARV chart








2013/14

November 2013



A supplement to the i-Base
Introduction to Combination Therapy

Drug names		Recommended adult dose *	Total daily pills
Fixed dose combinations			
Atripla (efavirenz 600 mg + FTC 200 mg + tenofovir 300 mg)		One tablet, once-daily. Guidance as for separate drugs. Take at night and not with a high fat meal.	1
Eviplera (rilpivirine 25 mg + FTC 200 mg + tenofovir 300 mg)		One tablet, once-daily, with food (390 kcal). See separate drug info.	1
Stribild (Quad) - (elvitegravir 150 mg + cobicistat 150 mg + FTC 200 mg + tenofovir 300 mg)		One tablet, once-daily, take with food. See separate drug info.	1

Nukes: nucleoside or nucleotide reverse transcriptase inhibitors (NRTIs)			
Dual nukes			
Truvada (tenofovir 300 mg + FTC 200 mg)		One tablet, once-daily.	1
Kivexa (abacavir 600 mg + 3TC 300 mg)		One tablet, once-daily.	1
Combivir (AZT 300 mg + 3TC 150 mg)		One tablet, twice-daily.	2
Single nukes			
3TC, lamivudine ** (EpiVir [pictured] - or generic)		1 x 300 mg or 2 x 150 mg (150 mg shown), (taken as a once-daily or twice-daily dose).	1 if 300 mg 2 if 150 mg
abacavir (Ziagen, Epzicom)		2 x 300 mg tablets (taken as a once-daily or twice-daily dose).	2
FTC, emtricitabine (Emtriva)		1 x 200 mg capsule, once-daily.	1
tenofovir DF (Viread)		1 x 300 mg tablet, once-daily.	1

* Different doses and formulations are sometimes used - always check the dose with your doctor and pharmacist.




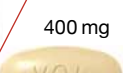










** Generic versions will become available for 3TC, ddl, AZT, nevirapine and efavirenz and will look different.

** Not licensed in the UK at time of printing.

PK boosters: ritonavir is the most widely used pharmacokinetic (PK) booster. Cobicistat was approved in 2013 but can only be used to boost atazanavir, darunavir and elvitegravir.

Some drugs are not recommended for first-line therapy.

Smaller pills are for children or if larger pills are difficult to swallow. Sometimes syrup formulations are available. Pictures approximate to actual size.

Drug names		Recommended adult dose *	Total daily pills
NNRTIs: non-nucleoside reverse transcriptase inhibitors (non-nukes)			
efavirenz ⁺⁺ (Sustiva) 600 mg or 200 mg	 / 	200 mg 1 x 600 tablet (or 3 x 200 caps) once-daily; at night, not with high fat meal.	1 tablet (or 3 capsules)
nevirapine ⁺⁺ 200 mg (Viramune) and nevirapine 400 mg (Viramune PR)	 / 	200 mg 400 mg 200 mg once-daily for first 14 days. Then 1 x 200 mg tablet, twice-daily or 2 x 200 mg once-daily; OR 1 x 400 mg prolonged release tablet once-daily (pic on right).	1 or 2 (based on 200 mg or 400 mg)
etravirine (Intencele)		1 x 200 mg tablet, twice daily, take with food. Dispersible in water.	2
rilpivirine (Edurant)		1 x 25 mg tablet, once-daily, take with main meal (500 kcal).	1
INIs: integrase inhibitors			
raltegravir (Isentress)		1 x 400 mg tablet, twice-daily. Take with or without food.	2
elvitegravir (Vitekta) (see also Stribild/Quad)	 / 	1 x 85 mg or 1 x 150 mg tablet, once-daily in boosted PI. Take with food.	1
dolutegravir (Tivicay) * **		1 x 50 mg tablet, once-daily (or 1 x 50 mg twice -daily if drug resistance). Likely to be with or without food.	1 or 2
CCR5 inhibitors (entry inhibitor)			
maraviroc * (Celsentri, Selzentry)		150 mg or 300 mg or 600 mg, as directed, depending on other ARVs in the combination.	1 or 2 or 4
PIs: protease inhibitors			
atazanavir/r * (Reyataz)		1 x 300 mg cap + booster, once-daily. Take with food. 150 mg and 200 mg capsules also available.	1 (+ 1 booster)
darunavir/r * (Prezista)		1 x 800 mg + booster once-daily (or 1 x 600 mg + 100 mg booster twice-daily if resistance). Take with food.	1 or 2 (+ 1 or 2 boosters based on dose)
PK (pharmacokinetic) boosters			
cobicistat (Tybost)	picture not yet available	150 mg tablet, once daily. Used to boost atazanavir, darunavir and elvitegravir.	depends on boosted drug
ritonavir (RTV) Meltrex (Norvir)		100 mg tablets used at different doses to boost other PIs.	depends on PI

Drugs that are used less frequently

The drugs on this page are now used more rarely or in very specific circumstances. For example, both tipranavir and T-20 are usually



only when other options are not available due to drug resistance.

Lopinavir/r and fosmprenavir/r are no longer recommended as preferred drugs.

Drug names		Recommended adult dose *	Total daily pills
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Nukes: nucleoside or nucleotide reverse transcriptase inhibitors (NRTIs)



Single nukes

AZT, zidovudine (Retrovir [pictured], or generic)		1 x 250 mg capsule, twice-daily.	2
ddl (Videx, didanosine)		1 capsule, once-daily, (125, 200, 250 or 400 mg). Take on empty stomach, 2 hrs before & after food.	1


Triple nukes

Trizivir (AZT + 3TC + abacavir)		One tablet, twice-daily.	2
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PIs: protease inhibitors

lopinavir/r (Kaletra) 200/50 or 100/25 mg		2 x 200/50 tablets twice-daily or 4 x once-daily (or 4 x 100/25 mg tabs twice-daily). With or without food.	4 (or 8 using smaller pills)
fosamprenavir/r * (Telzir)		1 x 700 mg tablets + 100 mg ritonavir, twice-daily. Take with or without food.	2 (+ 2 ritonavir)
saquinavir/r * (Invirase)		2 x 500 mg tablets + 100 mg ritonavir, twice-daily. Take with food.	4 (+ 2 ritonavir)
tipranavir/r (Aptivus)		2 x 250 mg capsules + 200 mg ritonavir, twice-daily. Take with food.	4 (+ 4 ritonavir)

Entry inhibitors

T-20 (Fuzeon, enfuvirtide)	 not to scale	90 mg injection under the skin, twice-daily.	2 injections daily
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