

(UNINTENDED) CONSEQUENCES

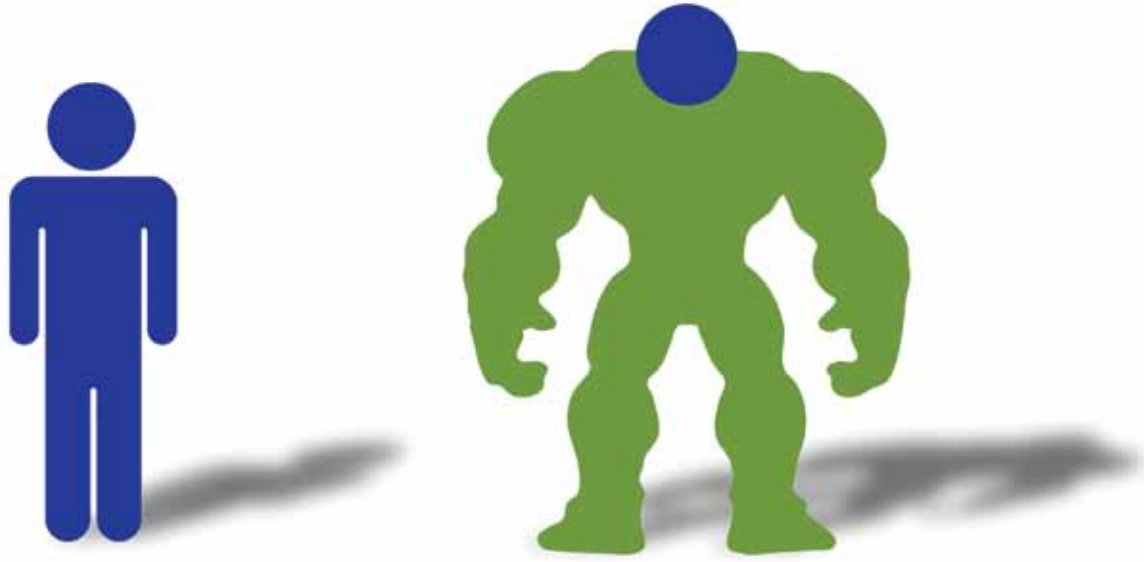


IMAGE: JOSHUA THORNE

NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS

also called nucleoside analogs, NRTIs, or nukes

Potential drug class side effects	Enlarged, fatty liver and lactic acidosis.
Combivir (Retrovir and Epivir)	See Epivir and Retrovir.
Emtriva (emtricitabine, or FTC)	A very tolerable drug, but side effects may include headache, diarrhea, nausea and rash. Darkening of the skin on the palms and the soles of the feet has also been reported.
Epivir (lamivudine, or 3TC)	A very tolerable drug, but side effects may include headache, nausea, vomiting, diarrhea, fever, fatigue, hair loss, insomnia, malaise, nasal symptoms, cough, peripheral neuropathy, low white blood cell count, and anemia.
Epzicom (Epivir and Ziagen)	See Epivir and Ziagen.
Retrovir (zidovudine, or AZT)	Headaches, fever, chills, muscle soreness and/or damage, fatigue, nausea, lipodystrophy, fingernail discoloration, anemia (low red blood cell count), and neutropenia (low white blood cell count).
Trizivir (Epivir, Retrovir, and Ziagen)	See Epivir, Retrovir, and Ziagen.
Truvada (Viread and Emtriva)	See Viread and Emtriva. Abdominal distension/pain.
Videx & Videx EC (didanosine, or ddl)	Peripheral neuropathy, upset stomach, diarrhea, headache, pancreatitis (inflammation of the pancreas), eye changes and optic neuritis, increased uric acid levels, insomnia, and body fat redistribution.
Viread (tenofovir DF)	Overall fairly well tolerated; however, side effects may include nausea, diarrhea, vomiting, flatulence (gas), bone changes, kidney toxicities, decreased bone mineral density, and low blood phosphate.
Zerit (stavudine, or d4T)	Peripheral neuropathy, facial wasting, mitochondrial toxicities (a variety of symptoms caused by cell damage), lipodystrophy, pancreatitis (inflammation of the pancreas), headache, chills/fever, malaise, insomnia, anxiety, depression, rash, upset stomach, diarrhea, abdominal pain, and blood lipid increases.
Ziagen (abacavir sulfate, or ABC)	Hypersensitivity reaction, nausea, vomiting, diarrhea, fatigue, headache, fever, rash, and loss of appetite.

NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS

also called non-nucleosides, NNRTIs, or non-nukes

Potential drug class side effects	Rash.
Intelence (etravirine, or ETR)	Rash, diarrhea, nausea, nasopharyngitis (symptoms like a common cold), headache, hypersensitivity, and increased liver enzyme levels.
Rescriptor (delavirdine, or DLV)	Headache, nausea, vomiting, diarrhea, fatigue, increased liver enzyme levels, itchy skin or rash, and body fat accumulation or redistribution.
rilpivirine (TMC-278)	Central nervous system (CNS) and psychiatric symptoms, skin rash, and lab abnormalities. Available data is limited due to its experimental drug status at press time.
Sustiva (efavirenz, or EFV)	Central nervous system (CNS) and psychiatric symptoms. Rash, nausea, vomiting, diarrhea, fever, insomnia, and increases in triglycerides, bad cholesterol (LDL), good cholesterol (HDL), and liver enzymes. False positive tests for marijuana. Birth defects.
Viramune (nevirapine, or NVP)	Headache, nausea, vomiting, fever, rash, Stevens-Johnson syndrome, increased liver enzyme levels, liver damage, and drug-induced hepatitis.

FIXED DOSE REGIMENS

Atripla (Sustiva/Truvada)	See Sustiva and Truvada (Emtriva and Viread). Atripla dose cannot be adjusted for people with kidney problems. Nausea, diarrhea, rash, and Immune Reconstitution Inflammatory Syndrome (IRIS).
rilpivirine/Truvada	See rilpivirine and Truvada. Available data is limited due to its experimental drug status at press time.

PROTEASE INHIBITORS (PIs)

Potential drug class side effects	Increased levels of cholesterol and triglycerides (except unboosted Reyataz), lipodystrophy, onset of new cases or worsening of diabetes, Immune Reconstitution Inflammatory Syndrome (IRIS), and increased bleeding in hemophiliacs.
Aptivus (tipranavir, or TPV) (must be taken with Norvir)	Mild diarrhea, nausea, vomiting, and abdominal pain. Headaches, fever, fatigue, dry mouth, rash (including sensitivity to sun), dizziness, liver toxicity, and bleeding in the brain. Aptivus has a sulfa component; use with caution in patients with allergies to sulfa drugs. Also see Norvir.
Crixivan (indinavir sulfate, or IDV)	Headache, fatigue or weakness, malaise, nausea, diarrhea, stomach pains, loss of appetite, yellowing of skin/eyes, changed skin color, dry mouth/sore throat, taste changes, painful urination, indigestion, joint pain, hives, liver toxicity, kidney stones, increased bilirubin, itchy/dry skin, ingrown toenails, and hair loss.
Invirase (saquinavir, or SQV) (must be taken with Norvir)	Diarrhea, abdominal discomfort, vomiting, and nausea. Also see Norvir.
Kaletra (lopinavir/ritonavir, or LPV/r)	Rash, diarrhea, nausea, vomiting, stomach pain, headache, muscle weakness, increased cholesterol and triglycerides, and increased liver enzyme levels. Also see Norvir.
Lexiva (fosamprenavir calcium, or FPV)	Nausea, rash, diarrhea, headache, vomiting, fatigue, and abdominal pain. Lexiva has a sulfa component; use with caution in patients with allergies to sulfa drugs.
Norvir (ritonavir, or RTV)	Weakness, stomach pain, upset stomach, tingling/numbness around the mouth, hands or feet, loss of appetite, taste disturbance, weight loss, headache, dizziness, pancreatitis, alcohol intolerance, liver problems, increased muscle enzyme levels, and uric acid.
Prezista (darunavir, or DRV) (must be taken with Norvir)	Rash, diarrhea, nausea, headache, abdominal pain, and increased liver enzyme levels. Prezista contains a sulfa component and should be used cautiously in patients with sulfa allergies. Also see Norvir.
Reyataz (atazanavir sulfate, or ATV)	Dizziness, lightheadedness, rash, kidney stones, and elevated liver function test results, including elevated levels of unconjugated bilirubin.
Viracept (nelfinavir, or NFV)	Diarrhea, stomach discomfort, nausea, gas, weakness, and rash.

ENTRY INHIBITORS

Fuzeon (enfuvirtide, or T-20)	Injection site reactions (ISRs), Immune Reconstitution Inflammatory Syndrome (IRIS), pneumonia, diarrhea, nausea, and fatigue. Hypersensitivity reactions are possible.
Selzentry (maraviroc, or MVC)	Cough, fever, cold, rash, muscle and joint pain, stomach pain, dizziness, liver toxicity, allergic reaction, low blood pressure, and possible increased risk of infections and cancer.

INTEGRASE INHIBITOR

Isentress (raltegravir, or RAL)	A very tolerable drug, but side effects may include diarrhea, nausea, vomiting, headache, fever, abdominal pain, fatigue, weakness, dizziness, lipodystrophy, increased levels of liver enzymes and creatine kinase, allergic reaction, and Immune Reconstitution Inflammatory Syndrome (IRIS).
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