

Anti-HIV drugs, poisoning and side effects

DRUG	Side Effects Nearly all cause—N, V+ D	Poisoning Information Little known on ANY anti-HIV or fatal doses
Abacavir	lethargy, fatigue, fever, headache, pancreatitis, lactic acidosis. hepatitis; rash and gastro-intestinal disturbances more common in children	?
Didanosine	abdominal pain, peripheral neuropathy especially in advanced HIV infection—suspend (reduced dose may be tolerated when symptoms resolve), headache, fatigue, rash, hyperuricaemia (suspend if raised significantly); less frequently, pancreatitis, abnormal liver function tests rarely, flatulence, dry mouth, parotid gland enlargement, anorexia, sialadenitis, hepatitis, liver failure, anaphylactic reactions, fever, arthralgia, myalgia, rhabdomyolysis, dry eyes, retinal and optic nerve changes (especially in children), alopecia, diabetes mellitus, hypoglycaemia, anaemia, leucopenia, and thrombocytopenia	? if x10 hyperuricaemia/ hepatic dysfunction
Lamivudine	abdominal pain; cough; headache, fatigue, insomnia; malaise, fever, rash, alopecia, muscle disorders; nasal symptoms; peripheral neuropathy reported; rarely pancreatitis (discontinue); neutropenia, anaemia, thrombocytopenia, and red cell aplasia; lactic acidosis; raised liver enzymes and serum amylase reported	?
Stavudine	peripheral neuropathy (dose-related); pancreatitis; constipation, anorexia, abdominal discomfort; chest pain; dyspnoea; headache, dizziness, insomnia, mood changes; asthenia, musculoskeletal pain; influenza-like symptoms, rash and other allergic reactions; lymphadenopathy; neoplasms; elevated liver enzymes and serum amylase; neutropenia, thrombocytopenia	? nil <24x daily dose
Tenofovir	flatulence, hypophosphatae	?GIT upset/ hypophosphataemia
Zalcitabine	peripheral neuropathy (discontinue immediately); oral ulcers, nausea, vomiting, dysphagia, anorexia, diarrhoea, abdominal pain, constipation; pharyngitis; headache, dizziness; myalgia, arthralgia; rash, pruritus, sweating, weight loss, fatigue, fever, rigors, chest pain, anaemia, leucopenia, neutropenia, thrombocytopenia, disorders of liver function; less frequently pancreatitis (see also above), oesophageal ulcers (suspend treatment if no response to treatment for specific organisms), rectal ulcers, jaundice and hepatocellular other less frequent side-effects include taste, hearing and visual disturbances, tachycardia, cardiomyopathy, congestive heart failure, dyspnoea, seizures, tremor, movement disorders, mood changes, sleep disturbances, alopecia, hyperuricaemia and renal disorders	?

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Zidovudine	anaemia (may require transfusion), neutropenia, and leucopenia (all more frequent with high dose and advanced disease); also include, abdominal pain, dyspepsia, flatulence, taste disturbance, pancreatitis, liver disorders including fatty change and raised bilirubin and liver enzymes (see also under Cautions); chest pain, dyspnoea, cough; influenza-like symptoms, headache, fever, paraesthesia, neuropathy, convulsions, dizziness, somnolence, insomnia, anxiety, depression, loss of mental acuity, malaise, anorexia, asthenia, myopathy, myalgia; pancytopenia, thrombocytopenia; gynaecomastia; urinary frequency; rash, pruritus, pigmentation of nail, skin and oral mucosa	?lethargy/fatigue/ nystagmus/ataxia/fits
Amprenavir	rarely Stevens-Johnson, tremors, oral or perioral paraesthesia, mood disorders including depression	PROTEASE INHIBITORS; GIT features; including nausea, vomiting, diarrhoea, abdo pain, taste disturbances. Derranged LFT's. Renal stones & ARF after Indanavir. (Renal/hepatic dysfxn in animal studies)
Indanavir	dry mouth, hypoaesthesia, dry skin, hyperpigmentation, alopecia, paronychia, interstitial nephritis, nephrolithiasis (may require interruption or discontinuation; more frequent in children), dysuria, haematuria, crystalluria, proteinuria, pyuria (in children); haemolytic anaemia	
Ritonavir	diarrhoea (may impair absorption—close monitoring required), throat irritation, vasodilatation, syncope, hypotension; circumoral and peripheral paraesthesia, hyperaesthesia, seizures, raised uric acid, dry mouth and ulceration, cough, anxiety, fever, pain, decreased thyroxine, sweating, electrolyte disturbances, increased prothrombin time	
Nelfinavir	fever	
Saquinavir	buccal and mucosal ulceration, peripheral neuropathy, mood changes, fever, nephrolithiasis	
Efavirenz	rash including Stevens-Johnson syndrome; dizziness, headache, insomnia, somnolence, abnormal dreams, fatigue, impaired concentration (administration at bedtime especially in first 2–4 weeks reduces CNS effects); nausea; less frequently vomiting, diarrhoea, hepatitis, depression, anxiety, psychosis, amnesia, ataxia, stupor, vertigo; also reported abdominal pain, raised serum cholesterol, elevated liver enzymes (especially if seropositive for hepatitis B or C), hepatic failure, pancreatitis, convulsions, gynaecomastia, pruritus, blurred vision	?irritability/disinhibition, aggression, impaired judgement.
Nevirapine	rash including Stevens-Johnson syndrome and rarely, toxic epidermal necrolysis (see also Cautions above); hepatitis or jaundice reported (see also Cautions above); nausea, vomiting, abdominal pain, diarrhoea, headache, drowsiness, fatigue, fever; hypersensitivity reactions (may involve hepatic reactions and rash, see Cautions above); also reported, anaphylaxis, angioedema, urticaria, neuropsychiatric reactions, anaemia	?