

Table 11 - HIV PEP Drugs, Doses and Side effects

Dosing is correct as per date of guideline publication (January 2024) but for updated dosing please see [CHIVA ART dosing table](#).

Dose frequency abbreviations: OD = once daily, BD = twice a day, AM = morning, PM = evening

Drug	Formulation	Dose	Side effects*
Raltegravir (RAL) NOTE: different formulations are not bioequivalent. Must specify formulation when prescribing; use chewable tabs for children ≥ 11 kg who cannot swallow tablets	Tablet: 400mg, 600mg Chewable tablet: 25mg, 100mg (can be chewed or swallowed) 100mg granules for oral suspension: Recommended dilution 10mg/ml	Tablet: ≥ 40 kg 1200mg OD (2x 600mg) or 400mg BD Chewable tablet: 11-13kg 75 mg BD 14-19kg 100mg BD 20-27kg 150mg BD 28-39kg 200mg BD ≥ 40 kg 300mg BD Sachets: ≥ 3 kg 25mg BD 4-5kg 30mg BD 6-7kg 40mg BD 8-10kg 60mg BD 11-13kg 80mg BD 14-19kg 100mg BD	Rash, nausea, hepatitis
Dolutegravir (DTG) NOTE: different formulations are not bioequivalent. Must specify formulation when prescribing	Tablet: 50mg, 25mg, 10mg Dispersible tablets for oral suspension: 5mg tabs	Tablet: >20 kg 50mg OD 14-19kg 40 mg OD Dispersible tablet (≥ 4 weeks): 3-5kg 5mg OD 6-9kg 15mg OD 10-13kg 20mg OD 14-19kg 25mg OD ≥ 20 kg 30mg OD	Nausea, rash, sleep disturbance
Zidovudine (AZT, ZDV)	Capsule: 100mg, 250mg Liquid: 10mg/ml	Liquid: 4-8kg 12mg/kg BD ≥ 9 -30kg 9mg/kg BD Max dose 300mg BD Capsule: 8-13kg 100mg BD 14-21kg 100mg am & 200mg pm 22-27kg 200mg BD ≥ 28 kg 250mg BD	Granulocytopenia and/or anaemia, nausea, headache, myopathy, hepatitis, neuropathy
Lamivudine (3TC)	Tablet: 100mg, 150mg Liquid: 10mg/ml	Liquid: ≥ 3 months 5 mg/kg BD or 10mg/kg OD Max dose 300mg/day Tablet: 14-19kg 75mg BD or 150mg OD 20-24kg 75mg AM & 150mg PM	Peripheral neuropathy, nausea, diarrhoea, headache

		or 225mg OD ≥25kg 300mg OD	
Tenofovir Disoproxil /emtricitabine (TD+FTC) Do not use if known renal impairment	Combined tablet: TD 245mg/FTC 200mg	Combined tablet: ≥35kg – 1 tablet OD	Headache, diarrhoea, nausea, vomiting, renal tubular dysfunction, bone demineralization
Tenofovir alafenamide fumarate /emtricitabine (Descovy®) (FTC/TAF)	Tab: FTC 200mg/ TAF 10mg FTC 200mg/ TAF 25mg	Licensed ≥12 years or ≥35kg (trial evidence from ≥6yrs & ≥25kg) Use 200mg/25mg tab OD with RAL or DTG Use 200mg/10mg with Kaletra®	nausea
Tenofovir Disoproxil (TD) Note: 300mg tenofovir disoproxil fumarate (TDF) = 245mg tenofovir disoproxil (TD) All doses expressed as TD	Tablet TD: 245mg Paed tab TD: 123mg 163mg 204mg Powder TD: 33mg per 1g scoop	Tablet: >35kg – 245mg OD Paed tab: 17-22kg – 123mg OD 23-28kg – 163mg OD 28-34kg – 204mg OD Powder: 10-11kg – 2 scoops OD 12-13kg – 2.5 scoops OD 14-16kg – 3 scoops OD 17-18kg – 3.5 scoops OD 19-21kg – 4 scoops OD 22-23kg – 4.5 scoops OD 24-26kg – 5 scoops OD 27-28kg – 5.5 scoops OD 29-31kg – 6 scoops OD 32-33kg – 6.5 scoops OD 34kg – 7 scoops OD ≥35kg – 7.5 scoops OD	Do not use if known renal impairment
Lamivudine 150mg/zidovudine 300mg (Combivir® or generic equivalent)	Combined tablet: 3TC 150mg/ZDV 300mg	Combined tablet: ≥30kg – 1 tablet BD	As for ZDV and 3TC
Kaletra® (LPV/RTV) 2 adult tabs = 4 paed tabs = 5ml of liquid **All doses based on LPV**	Adult tablet: LPV 200mg/RTV 50mg Paed tablet: LPV 100mg/RTV 25mg	Adult tablet: ≥35kg 2 tabs BD Paed tablet: 10-13kg 2 tabs AM & 1 tab PM 14-24kg 2 tabs BD 25-34kg 3 tabs BD ≥35kg 4 tabs BD	Diarrhoea, abdominal pain, nausea, vomiting, headache

	Liquid: LPV 80mg/RTV 20mg per mL	Liquid: 3-5 kg 1ml BD 6-9kg 1.5ml BD 10-13kg 2ml BD 14-19kg 2.5ml BD 20-24kg 3ml BD	
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**This list of side effects is not exhaustive – refer to product datasheet for detailed information on side effects, interactions with other medicines and other cautions for use.*