

**Table 12 - 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 <b>not</b> bioequivalent. Must specify formulation when prescribing; use chewable tabs for children ≥11kg who cannot swallow tablets	<b>Tablet:</b> 400mg, 600mg  <b>Chewable tablet:</b> 25mg, 100mg (can be chewed or swallowed)  <b>100mg granules for oral suspension:</b> Recommended dilution 10mg/ml	<b>Tablet:</b> ≥40kg 1200mg OD (2x 600mg) or 400mg BD  <b>Chewable tablet:</b> 11-13kg 75 mg BD 14-19kg 100mg BD 20-27kg 150mg BD 28-39kg 200mg BD ≥40kg 300mg BD  <b>Sachets:</b> ≥3kg 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 <b>not</b> bioequivalent. Must specify formulation when prescribing	<b>Tablet:</b> 50mg, 25mg, 10mg  <b>Dispersible tablets for oral suspension:</b> 5mg tabs	<b>Tablet:</b> >20kg 50mg OD 14-19kg 40 mg OD  <b>Dispersible tablet (≥4 weeks):</b> 3-5kg 5mg OD 6-9kg 15mg OD 10-13kg 20mg OD 14-19kg 25mg OD ≥20kg 30mg OD	Nausea, rash, sleep disturbance
Zidovudine (AZT, ZDV)	<b>Capsule:</b> 100mg, 250mg  <b>Liquid:</b> 10mg/ml	<b>Liquid:</b> 4-8kg 12mg/kg BD ≥9-30kg 9mg/kg BD Max dose 300mg BD  <b>Capsule:</b> 8-13kg 100mg BD 14-21kg 100mg am &	Granulocytopenia and/or anaemia, nausea, headache, myopathy, hepatitis, neuropathy

		200mg pm 22-27kg 200mg BD ≥28kg 250mg BD	
Lamivudine (3TC)	<b>Tablet:</b> 100mg, 150mg  <b>Liquid:</b> 10mg/ml	<b>Liquid:</b> ≥3months 5 mg/kg BD or 10mg/kg OD Max dose 300mg/day  <b>Tablet:</b> 14-19kg 75mg BD or 150mg OD 20-24kg 75mg AM & 150mg PM or 225mg OD ≥25kg 300mg OD	Peripheral neuropathy, nausea, diarrhoea, headache
Tenofovir Disoproxil /emtricitabine (TD+FTC)  <b>Do not use if known renal impairment</b>	<b>Combined tablet:</b> TD 245mg/FTC 200mg	<b>Combined tablet:</b> ≥35kg – 1 tablet OD	Headache, diarrhoea, nausea, vomiting, renal tubular dysfunction, bone demineralization
Tenofovir alafenamide fumarate /emtricitabine (Descovy®) (FTC/TAF)	<b>Tab:</b> FTC 200mg/ TAF 10mg FTC 200mg/ TAF 25mg	<b>Licensed ≥12 years or ≥35kg</b> (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	<b>Tablet TD:</b> 245mg  <b>Paed tab TD:</b> 123mg 163mg 204mg  <b>Powder TD:</b> 33mg per 1g scoop	<b>Tablet:</b> >35kg – 245mg OD  <b>Paed tab:</b> 17-22kg – 123mg OD 23-28kg – 163mg OD 28-34kg – 204mg OD  <b>Powder:</b> 10-11kg – 2 scoops OD 12-13kg – 2.5 scoops OD 14-16kg – 3 scoops OD 17-18kg – 3.5 scoops OD	<b>Do not use if known renal impairment</b>

		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	
Lamivudine 150mg/zidovudine 300mg (Combivir® or generic equivalent)	<b>Combined tablet:</b> 3TC 150mg/ZDV 300mg	<b>Combined tablet:</b> ≥30kg – 1 tablet BD	As for ZDV and 3TC
Kaletra® (LPV/RTV)  2 adult tabs = 4 paed tabs = 5ml of liquid  <b>**All doses based on LPV**</b>	<b>Adult tablet:</b> LPV 200mg/RTV 50mg  <b>Paed tablet:</b> LPV 100mg/RTV 25mg  <b>Liquid:</b> LPV 80mg/RTV 20mg per mL	<b>Adult tablet:</b> ≥35kg 2 tabs BD  <b>Paed tablet:</b> 10-13kg 2 tabs AM & 1 tab PM 14-24kg 2 tabs BD 25-34kg 3 tabs BD ≥35kg 4 tabs BD  <b>Liquid:</b> 3-5 kg 1ml BD 6-9kg 1.5ml BD 10-13kg 2ml BD 14-19kg 2.5ml BD 20-24kg 3ml BD	Diarrhoea, abdominal pain, nausea, vomiting, headache

\*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.