

Antiretroviral Drug Dosing Chart for Children (2025)

	Abacavir + Lamivudine (ABC + 3TC)	Abacavir (ABC)	Lamivudine (3TC)	Zidovudine (AZT)	Dolutegravir (DTG)	Abacavir + Lamivudine + Dolutegravir (ALD)
Target dose	As for individual medicines ONCE daily	8 mg/kg/dose TWICE daily OR If ≥ 10 kg: 16 mg/kg/dose ONCE daily	4 mg/kg/dose TWICE daily OR If ≥ 10 kg: 8 mg/kg/dose ONCE daily	180 - 240 mg/m ² /dose TWICE daily	By weight band ONCE daily	By weight band TWICE daily
Available formulations	Dispersible tablet FDC: ABC/3TC 120/60 mg Tablets FDC: ABC/3TC 600/300 mg ABC/3TC/DTG (ALD)600/300/50 mg	Sol. 20 mg/ml Tabs 60 mg (scored, dispersible), 300 mg (not scored)	Sol. 10 mg/ml Tabs 150 mg (scored)	Sol. 10 mg/ml, Tabs 100 mg FDC: AZT/3TC 300/150 mg	Dispersible tabs (DT) 10 mg Dispersible tabs (DT) 10 mg, Film coated (FC) tabs 50 mg, FDC: TLD 300/300/50 mg OR ALD 600/300/50 mg DT AND FC TABLETS ARE NOT BIOEQUIVALENT	Dispersible tablets (DT) FDC: pALD 60/30/5 mg ALD 600/300/50 mg
Wt. (kg)	Consult with a clinician experienced in paediatric ARV prescribing for neonates (< 28 days of age) and infants weighing < 2kg					
2 - 2.9		-	-	-		
3 - 5.9	$\frac{1}{2}$ x 120/60 mg tab od	3 ml bd OR 1 x 60 mg tab bd	3 ml bd	6 ml bd	$\frac{1}{2}$ x 10 mg DT od	1 x pALD DT (60/30/5 mg) od
6 - 9.9	$1\frac{1}{2}$ x 120/60 mg tabs od	4 ml bd OR $1\frac{1}{2}$ x 60 mg tab bd	4 ml bd	9 ml bd	$1\frac{1}{2}$ x 10 mg DT od	3 x pALD DT (60/30/5 mg) od
10 - 13.9	2 x 120/60 mg tabs od	Once daily dosing > 10 kg 4 x 60 mg tabs od OR 12 ml od	Once daily dosing > 0 kg 12 ml od	12 ml bd OR 1 x 100 mg tabs bd	2 x 10 mg DT od	4 x pALD DT (60/30/5 mg) od
14 - 19.9	$2\frac{1}{2}$ x 120/60 mg tabs od	5 x 60 mg tabs od OR 1 x 300 mg tab od	1 x 150 mg tab od	2 x 100 mg tabs am + 1 x 100 mg tab pm OR 15 ml bd	$2\frac{1}{2}$ x 10 mg DT od	5 x pALD DT (60/30/5 mg) od
20 - 24.9	3 x 120/60 mg tabs od	1 x 300 mg tab + 1 x 60 mg tab od OR 6 x 60 mg tabs od		2 x 100 mg tabs bd OR 20 ml bd	3 x 10 mg DT od OR 1 x 50 mg FC tab od	6 x pALD DT (60/30/5 mg) od
25 - 29.9	1 x 600/300 mg tab od OR ALD (600/300/50 mg) if eligible od		2 x 150 mg tabs od		1 x 50 mg FC tab od OR ALD (600/300/50 mg) od	
30 - 34.9		2 x 300 mg tabs od		1 x 300 mg tab bd OR 1 x AZT/3TC 300/150 mg tab bd	1 x 50 mg FC tab od OR FDC: TLD, if eligible, 1 tab od OR ALD (600/300/50 mg) x 1 tab od	ALD (600/300/50 mg) x 1 tab od
≥ 35						

*Avoid LPV/r solution in any full-term infant <14 days of age and any premature infant <42 weeks post conceptual age (corrected gestational age) or obtain expert advice.

d Children weighing 25-29.9 kg may also be dosed with LPV/r 200/50 mg adult tabs: 2 tabs am + 1 tab pm.

Atazanavir + ritonavir should not be used in children/adolescents on treatment with Rifampicin, obtain expert advice.

od = once a day;
nocte = at night;
bd = twice a day;
am = in the morning;
pm = in the evening;
std = standard;

Dolutegravir (DTG) OR Abacavir/Lamivudine/ Dolutegravir (ALD) when on Rifampicin	Lopinavir / ritonavir (LPV/r)	Lopinavir/ritonavir when on rifampicin (and for 2 weeks after stopping rifampicin)		# Atazanavir (ATV) + Ritonavir (RTV)	
By weight band TWICE daily	300/75 mg/m2/dose LPV/r TWICE daily	LPV/r std dose + super-boosting with ritonavir (RTV) powder TWICE daily (≥0.75xLPV dose bd)	OR Double-dose LPV/r tabs ONLY if able to swallow whole LPV/r tabs TWICE daily	By weight band ONCE daily	Target dose
Dispersible tabs (DT) 10 mg, Film coated (FC) tabs 50 mg, FDC: TLD 300/300/50 mg OR ALD DT 60/30/5 OR ALD 600/300/50 mg DT AND FC TABLETS ARE NOT BIOEQUIVALENT	Sol. 80/20 mg/ml Adult tabs 200/50 mg, Paed tabs 100/25 mg TABLETS MUST BE SWALLOWED WHOLE	Oral powder 100 mg/packet	Adult tabs 200/50 mg, Paed tabs 100/25 mg	FDC: ATV/RTV 300/100 mg ATV/r FDC TABLETS MUST BE SWALLOWED WHOLE	Available formulations
Consult with a clinician experienced in paediatric ARV prescribing for neonates (< 28 days of age) and infants weighing < 2kg					Wt. (kg)
½ x 10 mg DT bd OR [pALD DT (60/30/5) 1 tabs od + ½ x 10 mg DTG DT approx. 12 hours later]	-	-	-	-	
1½ x 10 mg DT bd OR [pALD DT (60/30/5) 3 tabs od + 1½ x 10 mg DTG DT approx. 12 hours later]	* 1 ml bd	LPV/r std dose (see purple column) + oral RTV powder 100 mg (1 packet) bd	Do not use double-dose LPV/r tabs	Not recommended	3 - 5.9
2 x 10 mg DT bd OR [pALD DT (60/30/5) 4 tabs od + 2 x 10 mg DTG DT approx. 12 hours later]	* 1.5 ml bd				6 - 9.9
2½ x 10 mg DT bd OR [pALD DT (60/30/5) 5 tabs od + 2½ x 10 mg DTG DT approx. 12 hours later]	2 ml bd OR [2 x 100/25 mg paed tabs am + 1 x 100/25 mg paed tab pm]	3 x 100/25 mg paed tabs bd	10 - 13.9		
3 x 10 mg DT bd OR [pALD DT (60/30/5) 6 tabs od + 3 x 10 mg DTG DT 12 hours later] OR [pALD DT (60/30/5) 6 tabs od + 1 x 50 mg DTG FC approx. 12 hours later]	2.5 ml bd OR 2 x 100/25 mg paed tabs bd OR 1 x 200/50 mg adult tab bd	LPV/r std dose (see purple column) + oral RTV powder 200 mg (2 packets) bd	4 x 100/25 mg paed tabs bd OR 2 x 200/50 mg adult tabs bd		14 - 19.9
1 x 50 mg FC tab bd OR [ALD (600/300/50 mg) 1 tab od + 50 mg DTG FC tab approx. 12 hours later]	3 ml bd OR 2 x 100/25 mg paed tabs bd OR 1 x 200/50 mg adult tab bd		6 x 100/25 mg paed tabs bd OR 3 x 200/50 mg adult tabs bd		20 - 24.9
1 x 50 mg FC tab bd OR [ALD (600/300/50 mg) 1 tab od + 50 mg DTG FC tab approx. 12 hours later]	3.5 ml bd OR 3 x 100/25 mg paed tabs bd OR [1 x 200/50 mg adult tab bd + 1 x 100/25 mg paed tab bd]		8 x 100/25 mg paed tabs bd OR 4 x 200/50 mg adult tabs bd		25 - 29.9
1 x 50 mg FC tab bd OR FDC: [TLD if eligible od + 50 mg DTG FC tab 12 hours later] OR [ALD (600/300/50 mg) x 1 tab od + 50 mg DTG FC tab approx. 12 hours later]	5 ml bd OR 4 x 100/25 mg paed tabs bd OR 2 x 200/50 mg adult tabs bd	LPV/r std dose (see purple column) + oral RTV powder 300 mg (3 packets) bd			1 x ATV/RTV 300/100 mg FDC od
					≥ 35

FC = film coated
 DT = dispersible tablet
 FDC = fixed dose combination;
 TLD = tenofovir/lamivudine/dolutegravir;
 ALD = abacavir/lamivudine/dolutegravir;

Weight (kg)	3 - 5.9	6 - 13.9	14 - 24.9	≥ 25
Cotrimoxazole Dose	2.5 ml od	5 ml or ½ tab od	10 ml or 1 tab od	2 tabs od
Multivitamin Dose	2.5 ml od	2.5 ml od	5 ml od	10 ml od