

1.4 ABACAVIR (ABC)

FORMULATIONS

Tablets	Capsules	Liquid	FDC
60 mg 300 mg	None	20 mg/ml	Baby 60 mg ABC <ul style="list-style-type: none">• ABC + AZT + 3TC• ABC + 3TC Adult 300 mg ABC <ul style="list-style-type: none">• ABC + AZT + 3TC• ABC + 3TC

DOSE AND FREQUENCY OF DOSING

Target dose

- Age less than 16 years or weight less than 37.5 kg: 8 mg/kg/dose twice daily

Note: Once-daily dosing is not yet approved for children but encouraging pharmacokinetic data are now available.

Maximum dose

- Age less than 16 years or weight less than 37.5 kg: 300 mg/dose twice daily

Administration – tablets

- 60 mg tablets are scored and can be split.
- Tablets may be crushed and mixed with a small amount water or food and ingested immediately.

Storage

- Store tablets at controlled room temperature of 20 – 25°C.
- Store liquid at controlled room temperature of 20 – 25°C.
- Liquid may be refrigerated but do not freeze.

OTHER COMMENTS

General

- Parents/caregivers must be warned about potential hypersensitivity reaction.
- Screening for HLA-B*5701 may identify those most likely to have hypersensitivity.
- ABC should be stopped permanently if hypersensitivity reaction occurs.
- No food restrictions

Pharmacokinetic data

- Available for children above the age of 3 months

Major drug interactions

- None reported.

Ref: http://us.gsk.com/products/assets/us_ziagen.pdf
<http://www.who.int/hiv/pub/paediatric/antiretroviral/en/index.html>

ABACAVIR**Recommended dosing based on weight-bands for children >6 weeks using liquid and adult tablets**

Weight range (kg)		Target dose <16 years or <37.5 kg: 8 mg/kg/dose given twice daily Maximum dose >16 years or ≥37.5 kg: 300 mg/dose given twice daily		Dose (ml or tablets)	
Bottom	Top	Formulation		a.m.	p.m.
3	3.9	20	mg/ml liquid	3 ml	3 ml
4	4.9	20	mg/ml liquid	3 ml	3 ml
5	5.9	20	mg/ml liquid	3 ml	3 ml
6	6.9	20	mg/ml liquid	4 ml	4 ml
7	7.9	20	mg/ml liquid	4 ml	4 ml
8	8.9	20	mg/ml liquid	4 ml	4 ml
9	9.9	20	mg/ml liquid	4 ml	4 ml
10	10.9	20	mg/ml liquid	6 ml	6 ml
11	11.9	20	mg/ml liquid	6 ml	6 ml
12	13.9	20	mg/ml liquid	6 ml	6 ml
14	16.9	300	mg tablet	½	½
17	19.9	300	mg tablet	½	½
20	24.9	300	mg tablet	1	½
25	29.9	300	mg tablet	1	1
30	34.9	300	mg tablet	1	1

Recommended dosing based on weight-bands for children >6 weeks using paediatric tablets					
Weight range (kg)		Target dose <16 years or <37.5 kg: 8 mg/kg/dose given twice daily Maximum dose >16 years or ≥37.5 kg: 300 mg/dose given twice daily		Dose (tablet)	
Bottom	Top	Formulation		a.m.	p.m.
3	3.9	60	mg tablet	1	1
4	4.9	60	mg tablet	1	1
5	5.9	60	mg tablet	1	1
6	6.9	60	mg tablet	1.5	1.5
7	7.9	60	mg tablet	1.5	1.5
8	8.9	60	mg tablet	1.5	1.5
9	9.9	60	mg tablet	1.5	1.5
10	10.9	60	mg tablet	2	2
11	11.9	60	mg tablet	2	2
12	13.9	60	mg tablet	2	2
14	16.9	60	mg tablet	2.5	2.5
17	19.9	60	mg tablet	2.5	2.5
20	24.9	60	mg tablet	3	3
25	29.9	300	mg tablet	1	1
30	34.9	300	mg tablet	1	1