

- Stay under the care of a healthcare provider while taking abacavir tablets.
- Abacavir tablets may be taken with or without food.
- For children aged 3 months and older, your healthcare provider will prescribe a dose of abacavir tablets based on your child's body weight.
- Tell your healthcare provider if you or your child has trouble swallowing tablets. Abacavir tablets come as a tablet or as a liquid (oral solution).
- Do not run out of abacavir tablets. The virus in your blood may increase and the virus may become harder to treat. When your supply starts to run out, get more from your healthcare provider or pharmacy.
- If you take too much abacavir tablets, call your healthcare provider or go to the nearest hospital emergency room right away.

What are the possible side effects of abacavir tablets?

- **Abacavir tablets can cause serious side effects including:**
- **See "What is the most important information I should know about abacavir tablets?"**
- **Build-up of acid in your blood (lactic acidosis).** Lactic acidosis can happen in some people who take abacavir tablets. Lactic acidosis is a serious medical emergency that can cause death. **Call your healthcare provider right away if you get any of the following symptoms that could be signs of lactic acidosis:**
 - feel very weak or tired
 - feel cold, especially in your arms and legs
 - unusual (not normal) muscle pain
 - feel dizzy or light-headed
 - trouble breathing
 - have a fast or irregular heartbeat
 - stomach pain with nausea and vomiting
- **Serious liver problems** can happen in people who take abacavir tablets. In some cases, these serious liver problems can lead to death. Your liver may become large (hepatomegaly) and you may develop fat in your liver (steatosis) when you take abacavir tablets. **Call your healthcare provider right away if you have any of the following signs of liver problems:**
 - your skin or the white part of your eyes turns yellow (jaundice)
 - dark or "tea-colored" urine
 - light-colored stools (bowel movements)
 - loss of appetite for several days or longer
 - nausea
 - pain, aching, or tenderness on the right side of your stomach area
- **You may be more likely to get lactic acidosis or serious liver problems if you are female, very overweight (obese).**
- **Changes in immune system (Immune Reconstitution Syndrome).** Can happen when your start taking HIV-1 medicines. Your immune system may get stronger and begin to fight infections that have been hidden in your body for a long time. Tell your healthcare provider right away if you start having new symptoms after you start taking Abacavir tablets.
- **Heart attack (myocardial infarction).** Some HIV-1 medicines including Abacavir tablets may increase your risk of heart attack.

The most common side effects of Abacavir tablets in adults include:

- nausea
- headache
- generally not feeling well
- tiredness
- vomiting
- bad dreams or sleep problems

The most common side effects of Abacavir tablets in children include:

- fever and chills
- nausea
- vomiting
- rash
- ear, nose, or throat infections

Tell your healthcare provider if you have any side effect that bothers you or that does not go away.

These are not all the possible side effects of abacavir tablets. For more information, ask your healthcare provider or pharmacist.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

How should I store abacavir tablets?

- Store abacavir tablets at room temperature, between 68°F to 77°F (20°C to 25°C).

Keep abacavir tablets and all medicines out of the reach of children.

General information for safe and effective use of abacavir tablets

Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. Do not use abacavir tablets for a condition for which it was not prescribed. Do not give abacavir tablets to other people, even if they have the same symptoms that you have. It may harm them.

If you would like more information, talk with your healthcare provider. You can ask your healthcare provider or pharmacist for the information about abacavir tablets that is written for healthcare professionals.

For more information call Strides Pharma Inc. at 1-877-244-9825 or go to www.strides.com or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

What are the ingredients in abacavir tablets?

Active ingredient: abacavir sulfate

Inactive ingredients:

colloidal silicon dioxide, magnesium stearate, microcrystalline cellulose and sodium starch glycolate. The tablets are coated with Opadry Yellow that is made of Hypromellose, Macrogol/PEG, yellow iron oxide and titanium dioxide.

This Medication Guide has been approved by the US Food and Drug Administration.

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8.6 Patients with Impaired Hepatic Function

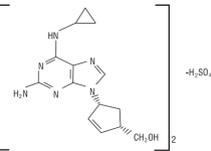
A dose reduction is required for patients with mild hepatic impairment (Child-Pugh Class A) [see Dosage and Administration (2.4)]. The safety, efficacy, and pharmacokinetics of abacavir have not been established in patients with moderate or severe hepatic impairment; therefore, abacavir is contraindicated in these patients [see Contraindications (4), Clinical Pharmacology (12.3)].

10. OVERDOSEAGE

There is no known specific treatment for overdose with abacavir. If overdose occurs, the patient should be monitored and standard supportive and symptomatic treatment applied as required. It is not known whether abacavir can be removed by peritoneal dialysis or hemodialysis.

11. DESCRIPTION

Abacavir sulfate is a synthetic carbocyclic nucleoside analog with inhibitory activity against HIV-1. The chemical name of abacavir sulfate is (1S,3S)-4-[2-amino-6-(cyclopropylamino)-5H-pyrimidin-3-yl]-2-cytophoseno-1-methanol sulfate (salt) (21). Abacavir sulfate is the enantiomer with 1S, 4R absolute configuration on the cytophoseno ring. It has a molecular formula of (C₁₂H₁₄N₄O₃·H₂SO₄) and a molecular weight of 670.76 g/mol. It has the following structural formula:



Abacavir sulfate is a white to off-white solid and is soluble in water. Abacavir tablets USP 300 mg are for oral administration. Each tablet contains abacavir sulfate equivalent to 300 mg of abacavir as active ingredient and the following inactive ingredients: colloidal silicon dioxide, magnesium stearate, microcrystalline cellulose and sodium starch glycolate. The tablets are coated with Opadry Yellow that is made of Hypromellose, Macrogol/PEG, yellow iron oxide and titanium dioxide.

In vivo, abacavir sulfate dissociates to its free base, abacavir. Dosages are expressed in terms of abacavir.

12. CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

Abacavir is an antiretroviral agent [see Microbiology (12.4)].

12.2 Pharmacokinetics

Pharmacokinetics in Adults
The pharmacokinetic properties of abacavir were independent of dose over the range of 300 to 1,200 mg per day.
Absorption: Following oral administration, abacavir is rapidly absorbed and extensively distributed. The geometric mean absolute bioavailability of the tablet was 82%. Plasma abacavir AUC was similar following administration of the oral solution or tablets. After oral administration of 300 mg twice daily in 20 subjects, the steady-state peak serum abacavir concentration (C_{max}) was 3.0 ± 0.89 mcg per mL (mean ± SD) and AUC₀₋₂₄ was 1.73 mcg·hour per mL. After oral administration of a single dose of 600 mg of abacavir to 20 subjects, C_{max} was 4.26 ± 1.19 mcg per mL (mean ± SD) and AUC₀₋₂₄ was 11.95 ± 2.51 mcg·hour per mL.

Effect of Food: Bioavailability of abacavir tablets was assessed in the fasting and fed states with no significant difference in systemic exposure (AUC₀₋₂₄); therefore, abacavir tablets may be administered with or without food. Systemic exposure to abacavir was comparable after administration of abacavir oral solution and abacavir tablets. Therefore, these products may be used interchangeably.

Distribution: The apparent volume of distribution after oral administration of abacavir was 0.86 ± 0.15 L per kg, suggesting that abacavir is widely distributed. In 3 subjects, the CSF AUC₀₋₂₄ was 1.0 to 1.5 times plasma abacavir AUC₀₋₂₄ (ratio ranged from 27% to 33%).

Binding of abacavir to human plasma proteins is approximately 50% and is independent of concentration. Total blood and plasma drug-related radioactivity concentrations are identical, demonstrating that abacavir readily distributes into erythrocytes.

Elimination: In single-dose trials, the observed elimination half-life (t_{1/2}) was 1.54 ± 0.63 hours. After intravenous administration, total clearance was 0.80 ± 0.24 L per hour per kg (mean ± SD).

Metabolism: In humans, abacavir is not significantly metabolized by cytochrome P450 enzymes. The primary routes of elimination of abacavir are metabolism by alcohol dehydrogenase to form the 5-carboxylic acid and glucuronidation to form the 5-glucuronide. The metabolites do not have antiviral activity. In vitro experiments reveal that abacavir does not inhibit human CYP3A4, CYP2D6, or CYP2C9 activity at clinically relevant concentrations.

Excretion: Elimination of abacavir was quantified in a mass balance trial following administration of a 600-mg dose of ¹⁴C-abacavir. 93% of the radioactivity was recovered, 12% was excreted in the urine as abacavir, 30% as the 5-carboxylic acid metabolite, 38% as the 5-glucuronide metabolite, and 15% as unidentified minor metabolites in the urine. Fecal elimination accounted for 15% of the dose.

Specific Populations

Patients with Renal Impairment: The pharmacokinetics of abacavir have not been determined in patients with impaired renal function. Renal excretion of unchanged abacavir is a minor route of elimination in humans.

Patients with Hepatic Impairment: The pharmacokinetics of abacavir have been studied in patients with mild hepatic impairment (Child-Pugh Class A). Results showed that there was a mean increase of 89% in the abacavir AUC and an increase of 38% in the half-life of abacavir after a single dose of 600 mg of abacavir. The AUCs of the metabolites were not modified by mild liver disease; however, the rates of formation and elimination of the metabolites were decreased [see Contraindications (4), Use in Specific Populations (8.6)].

Pregnant Women: Abacavir pharmacokinetics were studied in 25 pregnant women during the last trimester of pregnancy receiving abacavir 300 mg twice daily. Abacavir exposure (AUC) during pregnancy was similar to those in the postpartum and in HIV-infected non-pregnant historical controls. Consistent with passive diffusion of abacavir across the placenta, abacavir concentrations in neonatal plasma cord samples at birth were essentially equal to those in maternal plasma at delivery.

Pediatric Patients: The pharmacokinetics of abacavir have been studied after either single or repeat doses of abacavir in 160 pediatric subjects (ages 2 to 16 years). Based on these data, it is unlikely that clinically significant drug interactions will occur between abacavir and drugs metabolized through these pathways.

The pharmacokinetics of abacavir dosed once daily in HIV-1-infected pediatric subjects aged 3 months through 12 years was evaluated in 3 trials (PEVIR in 14, PEDIA 15 in 18, and ARROW in 36). All 3 trials were 2-period, crossover, open-label pharmacokinetic trials of twice-versus once-daily dosing of abacavir and lamivudine. For oral solution as well as the tablet formulation, these 3 trials demonstrated that once-daily dosing provides similar plasma C_{max} and AUC₀₋₂₄ to twice-daily dosing at the same total daily dose. The mean C_{max} was approximately 1.6- to 2.3-fold higher with abacavir once-daily dosing compared with twice-daily dosing.

Geriatric Patients: The pharmacokinetics of abacavir have not been studied in subjects older than 65 years.

Male and Female Patients: A population pharmacokinetic analysis in HIV-1-infected male (n = 304) and female (n = 67) subjects showed no gender differences in abacavir AUC₀₋₂₄ mediated by both body weight and body surface area.

Racial Groups: There are no significant or clinically relevant racial differences between blacks and whites in abacavir pharmacokinetics.

Drug Interactions Studies

Effect of Abacavir on the Pharmacokinetics of Other Agents: In human liver microsomes, abacavir did not inhibit cytochrome P450 isozymes (CYP2, 2A6, 2C9, 2C19, 2D6, 2E1). Based on these data, it is unlikely that clinically significant drug interactions will occur between abacavir and drugs metabolized through these pathways.

Based on in vitro study results, abacavir at therapeutic drug exposures is not expected to affect the pharmacokinetics of drugs that are substrates of the following transporters: organic anion transporter polypeptide (OATP1B1), breast cancer resistance protein (BCRP) or P-glycoprotein (P-gp), organic cation transporter (OCT1), OCT2, and multidrug and toxic extrusion protein (MATE1) and MATE2-K.

Effect of Other Agents on the Pharmacokinetics of Abacavir: In vitro, abacavir is not a substrate of GATP1B, OATP1B, OCT1, OCT2, DAT1, MATE1, MATE2-K, multidrug resistance-associated protein (MRP2) or MRP3; therefore, drugs that modulate these transporters are not expected to affect abacavir plasma concentrations. Abacavir is a substrate of BCRP and P-gp in vitro; however, considering its absolute bioavailability (83%), modulators of these transporters are unlikely to result in a clinically relevant impact on abacavir concentrations.

Lamivudine and/or Zidovudine: Fifteen HIV-1-infected subjects were enrolled in a crossover-designed drug interaction trial evaluating single doses of abacavir (600 mg), lamivudine (150 mg), and zidovudine (300 mg) alone or in combination. Analysis showed no clinically relevant changes in the pharmacokinetics of abacavir with the addition of lamivudine or zidovudine or the combination of lamivudine and zidovudine. Lamivudine exposure (AUC decreased 15%) and zidovudine exposure (AUC increased 10%) did not show clinically relevant changes with concurrent abacavir.

Ethanol: Abacavir has no effect on the pharmacokinetic properties of ethanol. Ethanol decreases the elimination of abacavir causing an increase in overall exposure. Due to the common metabolic pathways of abacavir and ethanol via alcohol dehydrogenase, the pharmacokinetic interaction between abacavir and ethanol was studied in 24 HIV-1-infected male subjects. Each subject received the following treatments on separate occasions: a single 600-mg dose of abacavir, 0.7 g per kg ethanol (equivalent to 3 alcoholic drinks), and abacavir 600 mg plus 0.7 g per kg ethanol. Coadministration of ethanol and abacavir resulted in a 41% increase in abacavir AUC₀₋₂₄ and a 26% increase in abacavir t_{1/2}. Abacavir had no effect on the pharmacokinetic properties of ethanol, so no clinically significant interaction is expected in men. This interaction has not been studied in females.

Methodology: In a trial of 11 HIV-1-infected subjects receiving methadone-maintenance therapy (40 mg and 90 mg daily, with 600 mg of abacavir twice daily (twice the currently recommended dose), oral methadone clearance increased 22% (90% CI: 8% to 42%). This alteration will not result in a methadone dose modification in the majority of patients; however, an increased methadone dose may be required in a small number of patients [see Drug Interactions (7)]. The addition of methadone had no clinically significant effect on the pharmacokinetic properties of abacavir.

12.4 Microbiology

Abacavir is a carbocyclic synthetic nucleoside analog. Abacavir is converted by cellular enzymes to the active metabolite, carbonyl triphosphate (CBTP), an analogue of deoxyguanosine-5'-triphosphate (dGTP). CBTP inhibits the activity of HIV-1 reverse transcriptase (RT) both by competing with the natural substrate dGTP and by its incorporation into viral DNA.

Antiviral Activity
The antiviral activity of abacavir against HIV-1 was assessed in a number of cell lines including primary macrocytic/macrophages and peripheral blood mononuclear cells (PBMCs). EC₅₀ values ranged from 3.7 to 5.6 micromolar (1 micromolar = 0.28 mcg per mL) and 0.07 to 1.0 micromolar against HIV-1_{AD8} and HIV-1_{92UG001}, respectively, and the mean EC₅₀ value was 0.26 ± 0.18 micromolar against 8 clinical isolates. The median EC₅₀ values of abacavir were 344 nM (range: 14.8 to 676 nM), 16.9 nM (range: 5.9 to 27.9 nM), 81 nM (range: 1.5 to 167 nM), 358 nM (range: 3.7 to 395 nM), 105 nM (range: 2.0 to 188 nM), 47.6 nM (range: 5.2 to 200 nM), 51.4 nM (range: 7.1 to 177 nM), and 282 nM (range: 22.4 to 598 nM) against HIV-1 clades A-G and group D viruses (n = 3 except n = 2 for clade B), respectively. The EC₅₀ values against HIV-2 isolates (n = 4), ranged from 0.024 to 48 micromolar. The antiviral activity of abacavir in cell culture was not antagonized when combined with the nucleoside reverse transcriptase inhibitors (NRTIs) didanosine, emtricitabine, lamivudine, stavudine, tenofovir, or zidovudine, the non-nucleoside reverse transcriptase inhibitor (NNRTI) nevirapine, or the protease inhibitor (PI) amprenavir. Abacavir (50 micromolar) used in the treatment of chronic HIV infection had no effect on the anti-HIV-1 activity of abacavir in cell culture.

Resistance
HIV-1 isolates with reduced susceptibility to abacavir have been selected in cell culture. Genotypic analysis of isolates selected in cell culture and recovered from abacavir-treated patients demonstrated that amino acid substitutions K65R, L74V, Y115F, and M184V emerged in HIV-1 RT. M184V or I substitutions resulted in an

approximately 2-fold decrease in susceptibility to abacavir. Substitutions K65R, L74M, or Y115F with M184V or I conferred a 7- to 8-fold reduction in abacavir susceptibility, and combinations of three substitutions were required to confer more than an 8-fold reduction in susceptibility.

Thirty-seven percent (7 of 15) of the isolates from subjects who experienced virologic failure in the abacavir once-daily arm had a greater than 2.5-fold mean decrease in abacavir susceptibility with a median-fold decrease of 1.3 (range: 0.5 to 11) compared with 29% (6 of 17) of the failure isolates in the twice-daily arm with a median-fold decrease of 0.92 (range: 0.7 to 15).

Cross-Resistance

Cross-resistance has been observed among NRTIs. Isolates containing abacavir resistance-associated substitutions, namely, K65R, L74V, Y115F, and M184V exhibited cross-resistance to didanosine, emtricitabine, lamivudine and tenofovir in cell culture and in patients. An increasing number of thymidine analogue mutations substitutions (TAM: M41L, D67N, R70V, R75V, R115G, R152K, R152Y, R152G, R152P, R152Q, R152R, R152S, R152T, R152V, R152W, R152X, R152Y, R152Z, R152AA, R152AB, R152AC, R152AD, R152AE, R152AF, R152AG, R152AH, R152AI, R152AJ, R152AK, R152AL, R152AM, R152AN, R152AO, R152AP, R152AQ, R152AR, R152AS, R152AT, R152AU, R152AV, R152AW, R152AX, R152AY, R152AZ, R152AA, R152AB, R152AC, R152AD, R152AE, R152AF, R152AG, R152AH, R152AI, R152AJ, R152AK, R152AL, R152AM, R152AN, R152AO, R152AP, R152AQ, R152AR, R152AS, R152AT, R152AU, R152AV, R152AW, R152AX, R152AY, R152AZ) associated with a progressive reduction in abacavir susceptibility.

13. NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Abacavir was administered orally at 3 dosage levels to separate groups of mice and rats in 2-year carcinogenicity studies. Results showed an increase in the incidence of malignant and non-malignant tumors. Malignant tumors occurred in the preputial gland of males and the cervical gland of females of both species, and in the liver of female rats. In addition, non-malignant tumors also occurred in the liver and thyroid gland of female rats. These observations were made at systemic exposures in the range of 0 to 32 times the human exposure at the recommended dose of 600 mg.

Mutagenicity

Abacavir induced chromosomal aberrations both in the presence and absence of metabolic activation in an in vitro cytogenetic study in human lymphocytes. Abacavir was mutagenic in the absence of metabolic activation, although it was not mutagenic in the presence of metabolic activation in an L5178Y mouse lymphoma assay. Abacavir was clastogenic in males and not clastogenic in females in an in vivo mouse bone marrow micronucleus assay.

Abacavir was not mutagenic in bacterial mutagenicity assays in the presence and absence of metabolic activation.

Impairment of Fertility
Abacavir did not affect male or female fertility in rats at a dose associated with exposures (AUC) approximately 3.3 times (male) or 4.1 times (female) those in humans at the clinically recommended dose.

13.2 Animal Toxicology and/or Pharmacology
Myocardial degeneration was found in mice and rats following administration of abacavir for 2 years. The systemic exposures were equivalent to 7 to 24 times the expected systemic exposure in humans at a dose of 600 mg. The clinical relevance of this finding has not been determined.

14. CLINICAL STUDIES

14.1 Adult Trials

Therapy-naïve Adults
CN30024 was a multicentric, double-blind, controlled trial in which 649 HIV-1-infected, therapy-naïve adults were randomized and received either abacavir (300 mg twice daily), lamivudine (150 mg twice daily), and efavirenz (600 mg once daily), or zidovudine (300 mg twice daily), lamivudine (150 mg twice daily), and efavirenz (600 mg once daily). The duration of double-blind treatment was at least 48 weeks. Trial participants were male (81%), white (61%), black (21%), and Hispanic (6%). The median age was 35 years; the median pretreatment CD4⁺ cell count was 264 cells per mm³ and median plasma HIV-1 RNA was 4.73 log₁₀ copies per mL. The outcomes of randomized treatment are provided in Table 7.

Table 7. Outcomes of Randomized Treatment Through Week 48 (CN30024)

Outcome	Abacavir plus Lamivudine plus Efavirenz (n=324)	Zidovudine plus Lamivudine plus Efavirenz (n=325)
Responded ^a	69% (73%)	69% (71%)
Virologic failure ^b	6%	4%
Discontinued due to adverse reactions	14%	16%
Discontinued due to other reasons ^c	10%	11%

^a Subjects achieved and maintained confirmed HIV-1 RNA less than or equal to 50 copies per mL (less than 400 copies per mL) through Week 48 (Roche AMPLICOR UltraSensitive HIV-1 MONITOR standard test 1.0 PCR).

^b Includes viral rebound, insufficient viral response according to the investigator, and failure to achieve confirmed less than equal to 50 copies per mL by Week 48.

^c Includes consent withdrawn, lost to follow up, protocol violations, those with missing data, clinical progression, and other.

After 48 weeks of therapy, the median CD4⁺ cell count increases from baseline were 209 cells per mm³ in the group receiving abacavir and 155 cells per mm³ in the zidovudine group. Through Week 48, 8 subjects (2%) in the group receiving abacavir (4 CDC classification C events and 3 deaths) and 5 subjects (2%) on the zidovudine arm (2 CDC classification C events and 2 deaths) experienced clinical disease progression.

CN30005 was a multicentric, double-blind, controlled trial in which 582 HIV-1-infected, therapy-naïve adults were randomized to receive either abacavir (300 mg twice daily) plus COMBIVIR (lamivudine 150 mg/ zidovudine 300 mg twice daily), or indinavir (800 mg 3 times a day) plus COMBIVIR twice daily. The trial was stratified at randomization by pre-entry plasma HIV-1 RNA: 10,000 to 100,000 copies per mL, and plasma HIV-1 RNA greater than 100,000 copies per mL. Trial participants were male (67%), white (73%), black (15%), and Hispanic (7%). At baseline the median age was 36 years, the median baseline CD4⁺ cell count was 300 cells per mm³, and median baseline plasma HIV-1 RNA was 4.8 log₁₀ copies per mL. The outcomes of randomized treatment are summarized in Table 8.

Table 8. Outcomes of Randomized Treatment Through Week 48 (CN30005)

Outcome	Abacavir plus Lamivudine/ Zidovudine (n=282)	Indinavir plus Lamivudine/ Zidovudine (n=285)
Responded ^a	49%	50%
Virologic failure ^b	31%	28%
Discontinued due to adverse reactions	10%	12%
Discontinued due to other reasons ^c	11%	10%

^a Subjects achieved and maintained confirmed HIV-1 RNA less than 400 copies per mL.

^b Includes viral rebound and failure to achieve confirmed less than 400 copies per mL by Week 48.

^c Includes consent withdrawn, lost to follow up, protocol violations, those with missing data, clinical progression, and other.

Treatment response by plasma HIV-1 RNA strata is shown in Table 9.

Table 9. Proportions of Responders Through Week 48 by Screening Plasma HIV-1 RNA Levels (CN30005)

Screening HIV-1 RNA (copies/mL)	Abacavir plus Lamivudine/ Zidovudine (n=282)	Indinavir plus Lamivudine/ Zidovudine (n=285)
>10,000	50%	48%
≤10,000	48%	52%
>100,000	48%	52%

In subjects with baseline viral load greater than 100,000 copies per mL, percentages of subjects with HIV-1 RNA levels less than 50 copies per mL were 31% in the group receiving abacavir versus 45% in the group receiving indinavir.

Through Week 48, an overall mean increase in CD4⁺ cell count of about 150 cells/mm³ was observed in both treatment arms. Through Week 48, 9 subjects (3.4%) in the group receiving abacavir (4 CDC classification C events and 3 deaths) and 3 subjects (1.3%) in the group receiving indinavir (2 CDC classification C events and 1 death) experienced clinical disease progression.

CN30021 was an international, multicentric, double-blind, controlled trial in which 770 HIV-1-infected, therapy-naïve adults were randomized and received either abacavir 600 mg once daily or abacavir 300 mg twice daily, both in combination with lamivudine 300 mg once daily and efavirenz 600 mg once daily. The double-blind treatment duration was at least 48 weeks. Trial participants had a mean age of 37 years; were male (61%), white (64%), black (27%), and American Hispanic (15%). The median baseline CD4⁺ cell count was 282 cells per mm³ (range: 21 to 918 cells per mm³) and the median baseline plasma HIV-1 RNA was 4.89 log₁₀ copies per mL (range: 2.60 to 6.99 log₁₀ copies per mL).

The outcomes of randomized treatment are provided in Table 10.

Table 10. Outcomes of Randomized