

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use NEVIRAPINE safely and effectively. See full prescribing information for NEVIRAPINE. NEVIRAPINE tablets, for oral use Initial U.S. Approval: 1996

WARNING: LIFE-THREATENING (INCLUDING FATAL) HEPATOTOXICITY AND SKIN REACTIONS

See full prescribing information for complete boxed warnings.

- Fatal and non-fatal hepatotoxicity have been reported in patients taking Nevirapine. Discontinue immediately if clinical hepatitis or transaminase elevations combined with rash or other systemic symptoms occur. Do not restart Nevirapine after recovery. (5.1)
- Fatal and non-fatal skin reactions, including Stevens-Johnson syndrome, toxic epidermal necrolysis, and hypersensitivity reactions, have been reported. Discontinue immediately if severe skin reactions, hypersensitivity reactions, or any rash with systemic symptoms occur. Check transaminase levels immediately for all patients who develop a rash in the first 18 weeks of treatment. Do not restart Nevirapine after recovery. (5.2)
- Monitoring during the first 18 weeks of therapy is essential. Extra vigilance is warranted during the first 6 weeks of therapy, which is the period of greatest risk of these events. (5.1, 5.2)

INDICATIONS AND USAGE

Nevirapine is an NNRTI indicated in combination with other antiretroviral agents for the treatment of human immunodeficiency virus (HIV-1) infection in adults and pediatric patients 15 days and older (1).

Limitations of Use:

- Based on serious and life-threatening hepatotoxicity observed in controlled and uncontrolled trials, Nevirapine is not recommended to be initiated, unless the benefit outweighs the risk, in:
 - adult females with CD4⁺ cell counts greater than 250 cells/mm³
 - adult males with CD4⁺ cell counts greater than 400 cells/mm³. (1, 5.1)

DOSE AND ADMINISTRATION

- The 14-day lead-in period must be strictly followed; it has been demonstrated to reduce the frequency of rash. (2.4, 5.2)
- If any patient experiences rash during the 14-day lead-in period, do not increase dose until the rash has resolved. Do not continue the lead-in dosing regimen beyond 28 days. (2.4)
- If dosing is interrupted for greater than 7 days, restart 14-day lead-in dosing. (2.4)

	Adults (>16 yrs)	Pediatric Patients* (<16 days)
First 14 days	200 mg once daily	150 mg/m ² once daily
After 14 days	200 mg twice daily	150 mg/m ² twice daily

* Total daily dose should not exceed 400 mg for any patient.

DOSE FORMS AND STRENGTHS

- 200 mg tablets (3)

CONTRAINDICATIONS

- Patients with moderate or severe (Child-Pugh Class B or C, respectively) hepatic impairment. (4, 5.1, 8.7)
- Use as part of occupational and non-occupational post-exposure prophylaxis (PEP) regimens, an unapproved use. (4, 5.1)

WARNINGS AND PRECAUTIONS

- Monitor patients for immune reconstitution syndrome and fat redistribution. (5.5, 5.6)
- ### ADVERSE REACTIONS
- The most common adverse reaction is rash. In adults the incidence of rash is 15% versus 6% with placebo, with Grade 3/4 rash occurring in 2% of subjects. (6.1)
 - In pediatric subjects the incidence of rash (all causality) was 21%. (6.2)

To report SUSPECTED ADVERSE REACTIONS, contact Breckenridge Pharmaceutical, Inc. at 1-800-367-3395, or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

Co-administration of Nevirapine can alter the concentrations of other drugs and other drugs may alter the concentration of nevirapine. The potential for drug interactions must be considered prior to and during therapy. (5.4, 7, 12.3)

USE IN SPECIFIC POPULATIONS

- Lactation: Women infected with HIV-1 should be instructed not to breastfeed due to the potential for HIV-1 transmission. (8.2)
- No dose adjustment is required for patients with renal impairment with a creatinine clearance greater than or equal to 20 mL per min. Patients on dialysis receive an additional dose of 200 mg following each dialysis treatment. (2.4, 5.6)
- Monitor patients with hepatic fibrosis or cirrhosis carefully for evidence of drug induced toxicity. Do not administer Nevirapine to patients with Child-Pugh B or C. (5.1, 8.7)

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide.

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FULL PRESCRIBING INFORMATION

WARNING: LIFE-THREATENING (INCLUDING FATAL) HEPATOTOXICITY AND SKIN REACTIONS

Severe, life-threatening, and in some cases fatal hepatotoxicity, particularly in the first 18 weeks, has been reported in patients treated with Nevirapine. In some cases, patients presented with non-specific prodromal signs or symptoms of hepatitis and progressed to hepatic failure. These events are often associated with rash. Female gender and higher CD4⁺ cell counts at initiation of therapy place patients at increased risk of severe skin reactions in patients with CD4⁺ cell counts greater than 250 cells/mm³, including pregnant women receiving Nevirapine in combination with other antiretrovirals for the treatment of HIV-1 infection, are at the greatest risk. However, hepatotoxicity associated with Nevirapine use can occur in both genders, and at any time during treatment. Hepatic failure has also been reported in patients without HIV taking Nevirapine for post-exposure prophylaxis (PEP). Use of Nevirapine for occupational and non-occupational PEP is contraindicated [see *Contraindications* (4)]. Patients with signs or symptoms of hepatitis, or with increased transaminases combined with rash or other systemic symptoms, must discontinue Nevirapine and seek medical evaluation immediately [see *Warnings and Precautions* (5.1)].

SKIN REACTIONS

Severe, life-threatening skin reactions, including fatal cases, have occurred in patients treated with Nevirapine. These have included cases of Stevens-Johnson syndrome, toxic epidermal necrolysis, and hypersensitivity reactions characterized by rash, constitutional findings, and organ dysfunction. Patients developing signs or symptoms of severe skin reactions or hypersensitivity reactions must discontinue Nevirapine and seek medical evaluation immediately. Transaminase levels should be checked immediately for all patients who develop a rash in the first 18 weeks of treatment. The 14-day lead-in period with Nevirapine 200 mg daily dosing has been demonstrated to decrease the incidence of rash and must be followed [see *Warnings and Precautions* (5.2)].

MONITORING FOR HEPATOTOXICITY AND SKIN REACTIONS:

Patients must be monitored intensively during the first 18 weeks of therapy with Nevirapine to detect potentially life-threatening hepatotoxicity or skin reactions. Extra vigilance is warranted during the first 6 weeks of therapy, which is the period of greatest risk of these events. Do not restart Nevirapine following clinical hepatitis, or transaminase elevations combined with rash or other systemic symptoms, or following severe skin rash or hypersensitivity reactions. In some cases, hepatic injury has progressed despite discontinuation of treatment.

1 INDICATIONS AND USAGE

Nevirapine is indicated in combination with other antiretroviral agents for the treatment of human immunodeficiency virus (HIV-1) infection in adults and pediatric patients 15 days and older [see *Clinical Studies* (14.1, 14.2)].

Limitations of Use:

- Based on serious and life-threatening hepatotoxicity observed in controlled and uncontrolled trials, Nevirapine is not recommended to be initiated, unless the benefit outweighs the risk, in:
 - adult females with CD4⁺ cell counts greater than 250 cells/mm³ or
 - adult males with CD4⁺ cell counts greater than 400 cells/mm³ [see *Warnings and Precautions* (5.1)].

2 DOSAGE AND ADMINISTRATION

2.1 Adult Patients

The recommended dose for Nevirapine is one 200 mg tablet daily for the first 14 days, followed by one 200 mg tablet twice daily, in combination with other antiretroviral agents. The 14-day lead-in period with Nevirapine 200 mg daily dosing must be strictly followed as the lead-in period has been observed to decrease the incidence of rash [see *Dosage and Administration* (2.4) and *Warnings and Precautions* (5.2)]. If rash persists beyond the 14-day lead-in period, do not increase to 200 mg twice daily. The 200 mg once-daily dosing regimen should not be continued beyond 28 days, at which point, an alternative regimen should be sought. For concomitantly administered antiretroviral therapy, the manufacturer's recommended dosage and monitoring should be followed.

2.2 Pediatric Patients

The recommended oral dose for pediatric patients 15 days and older is 150 mg/m² once daily for 14 days followed by 150 mg/m² twice daily thereafter. The total daily dose should not exceed 400 mg for any patient.

Mosteller Formula: $BSA (m^2) = \sqrt{\frac{Height(cm) \times Weight(kg)}{3600}}$

2.3 Monitoring of Patients

Intensive clinical and laboratory monitoring, including liver enzyme tests, is essential at baseline and during the first 18 weeks of treatment with Nevirapine. The optimal frequency of monitoring during this period has not been established. Some experts recommend clinical and laboratory monitoring more often than once per month, and in particular, would include monitoring of liver enzyme tests at baseline, prior to dose escalation, and at two weeks post-dose escalation. After the initial 18-week period, frequent clinical and laboratory monitoring should continue throughout Nevirapine treatment [see *Warnings and Precautions* (5)]. In some cases, hepatic injury has progressed despite discontinuation of treatment.

2.4 Dosage Adjustment

Discontinue Nevirapine if a patient experiences severe rash or any rash accompanied by constitutional findings [see *Warnings and Precautions* (5.2)]. Do not increase Nevirapine dose if a patient experiences mild to moderate rash without constitutional symptoms during the 14-day lead-in period of 200 mg/day (150 mg/m²/day in pediatric patients) until the rash has resolved [see *Warnings and Precautions* (5.2)]. The total duration of the once daily lead-in dosing period should not exceed 28 days at which point an alternative regimen should be sought.

Patients with Hepatic Events

If a clinical (symptomatic) hepatic event occurs, permanently discontinue Nevirapine. Do not restart Nevirapine after recovery [see *Warnings and Precautions* (5.1)].

Patients with Dose Interruption

For patients who interrupt Nevirapine dosing for more than 7 days, restart the recommended dosing, using one 200 mg tablet daily (150 mg/m²/day in pediatric patients) for the first 14 days (lead-in) followed by one 200 mg tablet twice daily (150 mg/m² twice daily for pediatric patients).

Patients with Renal Impairment

Patients with CrCL greater than or equal to 20 mL per min do not require an adjustment in Nevirapine dosing. The pharmacokinetics of nevirapine have not been evaluated in patients with CrCL less than 20 mL per min. An additional 200 mg dose of Nevirapine following each dialysis treatment is indicated in patients requiring dialysis. Nevirapine metabolites may accumulate in patients receiving dialysis; however, the clinical significance of this accumulation is not known [see *Clinical Pharmacology* (12.3)].

3 DOSAGE FORMS AND STRENGTHS

Tablets: 200 mg, white or off white oval, biconvex tablets embossed with H9050 on one side.

4 CONTRAINDICATIONS

Nevirapine is contraindicated:

- in patients with moderate or severe (Child-Pugh Class B or C, respectively) hepatic impairment [see *Warnings and Precautions* (5.1) and *Use in Specific Populations* (8.7)]
- for use as part of occupational and non-occupational post-exposure prophylaxis (PEP) regimens [see *Warnings and Precautions* (5.1)].

5 WARNINGS AND PRECAUTIONS

5.1 Hepatotoxicity and Hepatic Impairment

Severe, life-threatening, and in some cases fatal hepatotoxicity, including fulminant and cholestatic hepatitis, hepatic necrosis and hepatic failure, have been reported in patients treated with Nevirapine. In controlled clinical trials, symptomatic hepatic events regardless of severity occurred in 4% (range 0% to 11%) of subjects who received Nevirapine and 1% of subjects in control groups.

The risk of symptomatic hepatic events regardless of severity was greatest in the first 6 weeks of therapy. The risk continued to be greater in the Nevirapine groups compared to controls through 18 weeks of treatment. However, hepatic events may occur at any time during treatment. In some cases, subjects presented with non-specific, prodromal signs or symptoms of fatigue, malaise, anorexia, nausea, jaundice, liver tenderness or hepatomegaly, with or without initially abnormal serum transaminase levels. Rash was observed in approximately half of the subjects with symptomatic hepatic adverse events. Fever and flu-like symptoms accompanied some of these hepatic events. Some events, particularly those with rash and other symptoms, have progressed to hepatic failure with transaminase elevation, with or without hyperbilirubinemia, hepatic encephalopathy, prolonged partial thromboplastin time, or eosinophilia. Rhabdomyolysis has been observed in some patients experiencing skin and/or liver reactions associated with Nevirapine use. Hepatitis-like hepatitis may be associated with signs of hypersensitivity which can include severe rash or rash accompanied by fever, general malaise, fatigue, muscle or joint aches, blisters, oral lesions, conjunctivitis, facial edema, eosinophilia, granulocytopenia, lymphadenopathy, or renal dysfunction. Patients with signs or symptoms of hepatitis must be advised to discontinue Nevirapine and immediately seek medical evaluation, which should include liver enzyme tests.

The first 18 weeks of therapy with Nevirapine are a critical period during which intensive clinical and laboratory monitoring of patients is required to detect potentially life-threatening hepatic events. The optimal frequency of monitoring during this time period has not been established. Some experts recommend clinical and laboratory monitoring more often than once per month, and in particular, include monitoring of liver enzyme tests at baseline, prior to dose escalation and at two weeks post-dose escalation. After the initial 18-week period, frequent clinical and laboratory monitoring should continue throughout Nevirapine treatment.

Transaminases should be checked immediately if a patient experiences signs or symptoms suggestive of hepatitis and/or hypersensitivity reaction. Transaminases should also be checked immediately for all patients who develop a rash in the first 18 weeks of treatment. Physicians and patients should be vigilant for the appearance of signs or symptoms of hepatitis, such as fatigue, malaise, anorexia, nausea, jaundice, bilirubinuria, acholic stools, liver tenderness or hepatomegaly. The diagnosis of hepatotoxicity should be considered in this setting, even if transaminases are initially normal or alternative diagnoses are possible [see *Dosage and Administration* (2.3)].

If clinical hepatitis or transaminase elevations combined with rash or other systemic symptoms occur, permanently discontinue Nevirapine. Do not restart Nevirapine after recovery. In some cases, hepatic injury progresses despite discontinuation of treatment.

The patients at greatest risk of hepatic events, including potentially fatal events, are women with high CD4⁺ cell counts. In general, during the first 6 weeks of treatment, women have a 3-fold higher

risk than men for symptomatic, often rash-associated, hepatic events (6% versus 2%), and patients with higher CD4⁺ cell counts at initiation of Nevirapine therapy are at higher risk for symptomatic hepatic events. In a retrospective review of women with CD4⁺ cell counts greater than 250 cells/mm³ had a 12-fold higher risk of symptomatic hepatic adverse events compared to women with CD4⁺ cell counts less than 250 cells/mm³ (11% versus 1%). An increased risk was observed in men with CD4⁺ cell counts greater than 400 cells/mm³ (6% versus 1% for men with CD4⁺ cell counts less than 400 cells/mm³). However, all patients, regardless of gender, CD4⁺ cell count, or antiretroviral treatment history, should be monitored for hepatotoxicity since symptomatic hepatic adverse events have been reported at all CD4⁺ cell counts. Co-infection with hepatitis B or C and/or increased transaminase elevations at the start of therapy with Nevirapine are associated with a greater risk of later symptomatic events (6 weeks or more after starting Nevirapine) and asymptomatic increases in AST or ALT.

In addition, serious hepatotoxicity (including liver failure requiring transplantation in one instance) has been reported in HIV-1 uninfected individuals receiving multiple doses of Nevirapine in a setting of post-exposure prophylaxis (PEP), an unapproved use. Use of Nevirapine for occupational and non-occupational PEP is contraindicated [see *Contraindications* (4)].

Increased nevirapine trough concentrations have been observed in some patients with hepatic fibrosis or cirrhosis. Therefore, carefully monitor patients with either hepatic fibrosis or cirrhosis for evidence of drug-induced toxicity. Do not administer nevirapine to patients with moderate or severe (Child-Pugh Class B or C, respectively) hepatic impairment [see *Contraindications* (4), *Use in Specific Populations* (8.7), and *Clinical Pharmacology* (12.3)].

5.2 Skin Reactions

Severe and life-threatening skin reactions, including fatal cases, have been reported, occurring most frequently during the first 6 weeks of therapy. These have included cases of Stevens-Johnson syndrome, toxic epidermal necrolysis, and hypersensitivity reactions characterized by rash, constitutional findings, and organ dysfunction including hepatic failure. Rhabdomyolysis has been observed in some patients experiencing skin and/or liver reactions associated with Nevirapine use. In controlled clinical trials, Grade 3 and 4 rashes were reported during the first 6 weeks in 2% of Nevirapine recipients compared to less than 1% of placebo subjects.

Patients developing signs or symptoms of severe skin reactions or hypersensitivity reactions (including, but not limited to, severe rash or rash accompanied by fever, general malaise, fatigue, muscle or joint aches, blisters, oral lesions, conjunctivitis, facial edema, and/or hepatitis, eosinophilia, granulocytopenia, lymphadenopathy, and renal dysfunction) must permanently discontinue Nevirapine and seek medical evaluation immediately. Do not restart Nevirapine following severe skin rash, skin rash combined with increased transaminases or other symptoms, or hypersensitivity reaction.

The first 18 weeks of therapy with Nevirapine are a critical period during which intensive clinical and laboratory monitoring of patients is required to detect potentially life-threatening skin reactions. The optimal frequency of monitoring during this time period has not been established. Some experts recommend clinical and laboratory monitoring more often than once per month, and in particular, include monitoring of liver enzyme tests at baseline, prior to dose escalation and at two weeks post-dose escalation. After the initial 18-week period, frequent clinical and laboratory monitoring should continue throughout Nevirapine treatment. In addition, the 14-day lead-in period with Nevirapine 200 mg daily dosing has been demonstrated to reduce the frequency of rash [see *Dosage and Administration* (2.4)].

If patients present with a suspected Nevirapine-associated rash, measure transaminases immediately. Permanently discontinue Nevirapine in patients with rash-associated transaminase elevations [see *Warnings and Precautions* (5.1)].

Therapy with Nevirapine must be initiated with a 14-day lead-in period of 200 mg per day (150 mg/m² per day in pediatric patients), which has been shown to reduce the frequency of rash. Discontinue Nevirapine if a patient experiences severe rash or any rash accompanied by constitutional findings. Do not increase Nevirapine dose to a patient experiencing a mild to moderate rash without constitutional symptoms during the 14-day lead-in period of 200 mg per day (150 mg/m²/day in pediatric patients) until the rash has resolved. If rash persists beyond the 14-day lead-in period, do not increase to 200 mg twice daily. The 200 mg once-daily dosing regimen should not be continued beyond 28 days, at which point an alternative regimen should be sought [see *Dosage and Administration* (2.4)]. Patients must be monitored closely if isolated rash of any severity occurs. Delay in stopping Nevirapine treatment after the onset of rash may result in a more serious reaction.

Women appear to be at higher risk than men of developing rash with Nevirapine.

In a clinical trial, concomitant prednisone use (40 mg per day for the first 14 days of Nevirapine treatment) was associated with an increase in incidence and severity of rash during the first 6 weeks of Nevirapine therapy. Therefore, use of prednisone to prevent Nevirapine-associated rash is not recommended.

5.3 Resistance

Nevirapine must not be used as a single agent to treat HIV-1 or added on as a sole agent to a failing regimen. Resistant virus emerges rapidly when Nevirapine is administered as monotherapy. The use of other antiretroviral agents to be used in combination with nevirapine should take into consideration the potential for cross-resistance. When discontinuing an antiretroviral regimen containing Nevirapine, the long half-life of nevirapine should be taken into account; if antiretrovirals with shorter half-lives than Nevirapine are stopped concurrently, low plasma concentrations of nevirapine alone may persist for a week or longer and virus resistance may subsequently develop [see *Microbiology* (12.4)].

5.4 Drug Interactions

See Table 4 for listings of established and potential drug interactions [see *Drug Interactions* (7)].

Concomitant use of St. John's wort (*Hypericum perforatum*) or St. John's wort-containing products and Nevirapine is not recommended. Co-administration of St. John's wort with non-nucleoside reverse transcriptase inhibitors (NNRTIs), including Nevirapine, is expected to substantially decrease NNRTI concentrations and may result in sub-optimal levels of Nevirapine and lead to loss of virologic response and possible resistance to Nevirapine or to the class of NNRTIs. Co-administration of Nevirapine and efavirenz is not recommended as this combination has been associated with an increase in adverse reactions and no improvement in efficacy.

5.5 Immune Reconstitution Syndrome

Immune reconstitution syndrome has been reported in patients treated with combination antiretroviral therapy, including Nevirapine. During the initial phase of combination antiretroviral treatment, patients whose immune system responds may develop an inflammatory response to indolent or residual opportunistic infections (such as *Mycobacterium avium* infection, cytomegalovirus, *Pneumocystis jirovecii* pneumonia, or tuberculosis), which may necessitate further evaluation and treatment.

Autoimmune disorders (such as Graves' disease, polymyositis, and Guillain-Barre syndrome) have also been reported to occur in the setting of immune reconstitution, however, the time to onset is more variable, and can occur many months after initiation of treatment.

5.6 Fat Redistribution

Redistribution/accumulation of body fat including central obesity, dorsocervical fat enlargement (buffalo hump), peripheral wasting, and facial wasting, and cushingoid features, and "cushingoid appearance" have been observed in patients receiving antiretroviral therapy. The mechanism and long-term consequences of these events are currently unknown. A causal relationship has not been established.

6 ADVERSE REACTIONS

6.1 Clinical Trial Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in clinical practice.

Clinical Trial Experience in Adult Patients

The most serious adverse reactions associated with Nevirapine are hepatitis, hepatic failure, Stevens-Johnson syndrome, toxic epidermal necrolysis, and hypersensitivity reactions. Hepatitis/hepatic failure may be isolated or associated with signs of hypersensitivity which may include severe rash or rash accompanied by fever, general malaise, fatigue, muscle or joint aches, blisters, oral lesions, conjunctivitis, facial edema, eosinophilia, granulocytopenia, lymphadenopathy, or renal dysfunction [see *Boxed Warning and Warnings and Precautions* (5.1, 5.2)].

Hepatic Reaction

In controlled clinical trials, symptomatic hepatic events regardless of severity occurred in 4% (range 0% to 11%) of subjects who received Nevirapine and 1% of subjects in control groups. Female gender and higher CD4⁺ cell counts (greater than 250 cells/mm³ in women and greater than 400 cells/mm³ in men) place patients at increased risk of these events [see *Boxed Warning and Warnings and Precautions* (5.1)].

Asymptomatic transaminase elevations (AST or ALT greater than 5X ULN) were observed in 6% (range 0% to 9%) of subjects who received Nevirapine and 6% of subjects in control groups. Co-infection with hepatitis B or C and/or increased transaminase elevations at the start of therapy with Nevirapine are associated with a greater risk of later symptomatic events (6 weeks or more after starting Nevirapine) and asymptomatic increases in AST or ALT.

Liver enzyme abnormalities (AST, ALT, GGT) were observed more frequently in subjects receiving Nevirapine than in controls (see Table 3).

Skin Reaction

The most common clinical toxicity of Nevirapine is rash, which can be severe or life-threatening [see *Boxed Warning and Warnings and Precautions* (5.2)]. Rash occurs most frequently within the first 6 weeks of therapy. Rashes are usually mild to moderate, maculopapular erythematous cutaneous eruptions, with or without pruritus, located on the trunk, face and extremities. In controlled clinical trials (Trials 1037, 1038, 1046, and 1090), Grade 1 and 2 rashes were reported in 13% of subjects receiving Nevirapine compared to 6% receiving placebo during the first 6 weeks of therapy. Grade 3 and 4 rashes were reported in 2% of Nevirapine recipients compared to less than 1% of subjects receiving placebo. Women tend to be at higher risk for development of Nevirapine-associated rash [see *Boxed Warning and Warnings and Precautions* (5.2)].

Treatment-related, adverse experiences of moderate or severe intensity observed in greater than 2% of subjects receiving Nevirapine in placebo-controlled trials are shown in Table 2.

Table 2 Percentage of Subjects with Moderate or Severe Drug-Related Events in Adult Placebo-Controlled Trials

	Trial 1090 ¹		Trials 1037, 1038, 1046 ²	
	Nevirapine	Placebo	Nevirapine	Placebo
	(n=1121)	(n=1128)	(n=253)	(n=203)
Median exposure (weeks)	58	52	28	28

Any adverse event	15%	11%	32%	13%
Rash	5	2	7	2
Nausea	1	1	9	4
Granulocytopenia	2	3	<1	0
Headache	1	<1	4	1
Fatigue	<1	<1	5	4
Diarrhea	<1	1	2	1
Abdominal pain	<1	<1	2	0
Myalgia	<1	0	1	2

¹ Background therapy included 3TC for all subjects and combinations of NRTIs and Pls. Subjects had CD4⁺ cell counts less than 200 cells/mm³.

² Background therapy included ZDV and ZDV+ddI; Nevirapine monotherapy was administered in some subjects. Subjects had CD4⁺ cell count greater than or equal to 200 cells/mm³.

Laboratory Abnormalities

Liver enzyme test abnormalities (AST, ALT) were observed more frequently in subjects receiving Nevirapine than in controls (Table 3). Asymptomatic elevations in GGT occur frequently but are not a contraindication to continue Nevirapine therapy in the absence of elevations in other liver enzyme tests. Other laboratory abnormalities (bilirubin, anemia, neutropenia, thrombocytopenia) were observed with similar frequencies in clinical trials comparing Nevirapine and control regimens (see Table 3).

Table 3 Percentage of Adult Subjects with Laboratory Abnormalities

	Trial 1090 ¹		Trials 1037, 1038, 1046 ²	
	Nevirapine	Placebo	Nevirapine	Placebo
	(n=1121)	(n=1128)	(n=253)	(n=203)
Laboratory Abnormality				
Blood Chemistry				
SGPT (ALT) >250 U/L	5	4	14	4
SGOT (AST) >250 U/L	4	3	8	2
Bilirubin >2.5 mg/dL	2	2	2	2
Hematology				
Hemoglobin <8.0 g/dL	3	4	0	0
Platelets &				

