Adverse Event M=% (N=1218) F=% (N=512) M=% (N=914)

| Name |

atorvastatin				
Placebo N=270	10 mg N=863	20 mg N=36	40 mg N=79	80 mg N=94
				7.4
				6.4
				3.2
	2.2		2.5	3.2
			3.8	2.1
3.0			3.8	1.1
				0.0
1.9	2.2	0.0	3.8	0.0
1.8	2.1			1.1
	2.7			5.3
4.1	2.3	2.8	1.3	2.1
3.3	2.1	2.8	1.3	1.1
2.6	2.8	0.0	2.5	6.4
1.5	2.5	0.0	1.3	2.1
0.7	3.9	2.8	3.8	1.1
1.5	2.0	0.0	5.1	0.0
1.1				0.0
	Placebo N=270 10.0 7.0 3.7 1.9 0.7 3.0 2.6 1.9 1.8 1.5 4.1 3.3 2.6 1.5	Placebo N=270	Placebo N=270 10 mg N=863 20 mg N=36 10.0 10.3 2.8 7.0 5.4 16.7 3.7 4.2 0.0 1.9 2.2 0.0 0.7 2.8 0.0 3.0 2.8 0.0 2.6 0.9 2.8 1.9 2.2 0.0 1.8 2.1 0.0 1.5 2.7 0.0 4.1 2.3 2.8 3.3 2.1 2.8 2.6 2.8 0.0 1.5 2.5 0.0 0.7 3.9 2.8 1.5 2.0 0.0 1.1 3.2 5.6	Placebo N=270 10 mg N=863 20 mg N=366 40 mg N=79 10.0 10.3 2.8 10.1 7.0 5.4 16.7 2.5 3.7 4.2 0.0 1.3 1.9 2.2 0.0 2.5 0.7 2.8 0.0 3.8 3.0 2.8 0.0 3.8 2.6 0.9 2.8 1.3 1.9 2.2 0.0 3.8 1.8 2.1 0.0 2.5 1.5 2.7 0.0 3.8 4.1 2.3 2.8 1.3 3.3 2.1 2.8 1.3 3.3 2.1 2.8 1.3 0.7 3.9 2.8 3.8 1.5 2.0 0.0 5.1 1.1 3.2 5.6 1.3

Arthralgia
1.5
2.0
3.2
5.6
1.3
0.0
Anglo-Szandinavian Cardiac Outcomes Trial (ASCOT): In ASCOT involving 10,305 participants treated with atorvastatin 10 mg daily (n=5,188) or placebo (n=5,137), the safety and tolerability profile of the group treated with atorvastatin was comparable to that of the group treated with placebo during a median of 3.3 years of follow-up. The following adverse events were reported, regardless of causality assessment, in patients treated with atorvastatin in clinical trials. The events in italics occurred in ≥2% of patients and the events in plain type occurred in 2% of patients. Body as a Whole: Chest pain, face edema, Fevr, neck rigidity, malaise, photosensitivity reaction, generalized edema. Digestive System: Nausea, gastroenteritis, liver function tests abnormal, colitis, vomiting, gastritis, dry mouth, rectal hemorrhage, esophagitis, eructation, glossitis, mouth ulceration, anorexia, increased appetite, stomatitis, billary pain, chellitis, cholestatic jaundice. Respiratory System: Bronchitis, rhinitis, pneumonia, dyspnea, asthma, epistaxis. Nervous System: Insomnia, dizziness, paresthesia, somnolence, ammesia, abnormal dreams, libido decreased, emotional lability, incoordination, peripheral neuropathy, torticollis, facial paralysis, hyperkinesia, depression, hypesthesia, hypertonia. Musculoskeletal System: Arrhiritis, leg cramps, bursitis, tenosynovitis, myasthenia, tendinous contracture, myositis. Skin and Appendages: Pruritus, contact dermatitis, lepacitis, hematuria, impotence, dysuria, kidney calculus, nocturia, epididymitis, fibrocystic breast, vaginal hemorrhage, albuminuria, breast enlargement, metrorrhagia, nephritis, urinary incontinence, urinary retention, urinary urgency, abnormal ejaculation, uterine hemorrhage. Special Senses: Amblyopia, tinnitus, vincortinence, urinary retention, urinary urgency, abnormal ejaculation, uterine hemorrhage. Special Senses: Amblyopia, tinnitus, vincortinence, urinary retention, urinary urgency, abnormal ejaculation, therine hemorrhage

Safety and tolerability profile of atorvastatin 10 to 20 mg daily was generally similar to that of placebo (see PRÈCAUTIONS, Pediatric Use).

OVERDOSAGE: There is no information on overdosage with CADUET in humans. Information on Amlodipine: Single oral doses of amlodipine maleate equivalent to 40 mg amlodipine/kg and 100 mg amlodipine/kg in mice and rats, respectively, caused deaths. Single oral amlodipine maleate doses equivalent to 4 or more mg amlodipine/kg in dogs (11 or more times the maximum recommended clinical dose on a mg/m² basis) caused a marked peripheral vasodilation and hypotension. Overdosage might be expected to cause excessive peripheral vasodilation with marked hypotension of providence of amlodipine is limited. Reports of intentional overdosage include a patient who ingested 250 mg and was asymptomatic and was not hospitalized, another (120 mg) was hospitalized, underwent gastric lavage and remained normotensive; the third (105 mg) was hospitalized and had hypotension (90/50 mmHg) which normalized following plasma expansion. A patient who took 70 mg amlodipine and an unknown quantity of benzodiazepine plasma concentration. A case of accidental drug overdose has been documented in a 19-month-old male who ingested 30 mg amlodipine (about 2 mg/kg). During the emergency room presentation, vital signs were stable with no evidence of hypotension, but a heart rate of 180 bpm. Ipecac was administered 3.5 hours after ingestion and on subsequent observation (overnight) no sequelae were noted. If massive overdose should be initiated. If hypotension occur, cardiovascular support including elevation of the extremities and the judicious administration of fluids should be initiated. If hypotension remains unresponsive to these conservative measures and ministration of vasopressors (such as phenylephrine) should be considered with attention to circulating volume and urine output. Intravenous calcium gluconate may help to reverse the effects of calcium entry blockade. As amlodipine is highly protein bound, h

**These events occurred in less than 1% in placebo-controlled trials, but the incidence of these side effects was between 1% and 2% in all multiple dose studies.

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Teen Sex, Drugs May Be Catalyst for Depression

Girls in the high-

risk behavior

multiple sex

partners and

intravenous drug

use-were more

likely than were

abstainers to be

depressed.

clusters-

BY DIANA MAHONEY

New England Bureau

dolescents who engage in sex and drug behaviors are at risk for future depression, reported Denise D. Hallfors, Ph.D., and her colleagues at the University of North Carolina at Chapel

In their study, the association existed among youth of both sexes, but adolescent girls appear to be especially vulnerable to subsequent depression risk.

Although previous studies have associated adolescent depression with sex and drug use, the current study is among the first to provide insight into the causal relationship between the risky behaviors and depression, the authors wrote.

The findings appear to reject the frequent hypothesis that adolescents use sex and drugs to self-medicate depression, Dr. Hallfors and her associates said.

Using data from the National Longitudinal Study of Adolescent Health (Add Health)—a nationally representative sample of more than 13,000 7th- to 11th-grade adolescents who were first interviewed in 1995 and reinterviewed in 1996—investigators examined whether gender-specific patterns of substance use and sexual behavior predicted depression or whether depression predicted the gender-specific patterns of these risky behaviors (Am. J. Prev. Med. 2005;29:163-70).

In addition to sociodemographic measures, study data included self-reported information on adolescent risk behaviors, perceptions of physical maturity, and depression, measured using a version of the Center for Epidemiological Studies-Depression Scale (CES-D) modified for the study population to maximize sensitivity and specificity for detecting major depressive disorder in adolescents.

Compared with those adolescents who reported abstaining from risk behaviors in the initial interview, adolescents who engaged in risk behaviors were significantly more likely to meet the criteria for depression at the time of the second interview.

In particular, girls who fell into "experimental behavior" clusters at the initial interview—self-reported drinkers and those who reported experimenting with substances and sex-had a two- to threefold increase in depression compared with girls who abstained from such activities.

In contrast, boys in the experimental behavior clusters were no more depressed than were boys who abstained.

Similarly, girls in the high-risk behavior clusters—those with multiple sex partners and intravenous drug use-were significantly more likely than were abstainers to be depressed, while similar behavior patterns were not predictive of depression among boys.

In boys, binge drinking and frequent marijuana use were associated with a fourfold increase in depression compared with abstainers, while these patterns did not predict depression among girls.

In girls, depression at the first interview did not increase the likelihood of engaging in experimental behavior patterns, and it lowered the likelihood of engaging in high-risk behaviors.

In boys, depression was not predictive of

engaging in either experimental or high-risk behaviors.

For girls who reported experimental behavior at baseline, depression did not predict further experimental behaviors, but it did predict movement to a high-risk behavior cluster. In boys who engaged in experimental behaviors, depression did not increase the likelihood of further experimentation or high-risk behaviors.

Given the gender-specific patterns in the relationship

between risk behaviors and depression, screening and preventive interventions should be designed accordingly, the investigators said.

'Our findings indicate that patterns of substance abuse, especially binge drinking and frequent marijuana use, increase the likelihood of depression in boys by more than fourfold. Thus, boys who are heavy users should be counseled to reduce or stop use, and screened for depression,' they suggested. Boys who present with depression should be screened for substance abuse and addiction, which, if present, should be treated aggressively.

Among adolescent girls, those who engage in substance use or sex behaviors should be screened for depression "and provided with anticipatory guidance about the mental health risks of these behaviors," the investigators said.

Treatment for adolescent girls with depression should include an assessment of risk behaviors, as well as appropriate substance use and sexual decision-making messages and counseling.

Management plans for both boys and girls may also need to address issues related to sexually transmitted infections, HIV, unintended pregnancy, injury prevention, and depression and/or suicide risk," Dr. Hallfors and her associates

Although temporal ordering of risky behavior and depression seen in this study suggests a cause-and-effect relationship, "these analyses cannot rule out unidentified predisposing factors that may cause both," they pointed out, noting that more research is needed to identify the mechanisms of risk as well as to determine whether efforts to reduce risk-taking behaviors will have an impact on later depression risk.