Online Questionnaire Promotes STD Screening

BY BRUCE JANCIN

ESTES PARK, COLO — The STD Wizard is a patient-friendly Internet tool for determining individual STD screening needs that is a particularly good fit for busy primary care medical practices.

"I would recommend this site to your patients," Dr. L. Chesney Thompson said at a conference on internal medicine sponsored by the University of Colorado.

The STD Wizard (www.stdwizard. org) involves a 5-minute online questionnaire in which patients answer simple multiple-choice questions about their demographics, history, location, and previous STD screening.

The Wizard is not a diagnostic tool; instead it analyzes an individual's answers and produces customized recommendations for STD screening. Patients are encouraged to print out the summary and bring it to their physician for action, explained Dr. Thompson, chief of the section of general ob.gyn. at the university.

The Wizard's recommendations are based on the 2006 STD Treatment Guidelines of the Centers for Disease Control and Prevention.

The Wizard was developed and funded by the Medical Institute for Sexual Health and the CDC. The goal is to help rein in the nation's STD epidemic by

reaching out to the public in a novel way to encourage greater use of guidelinerecommended screening.

"Half of the population—that is, males—aren't screened at all for [human papillomavirus]. Herpes simplex virus isn't screened for or reported, either. And those are probably the two most common STDs; 80% of women in this country will have been exposed to HPV by age 50," Dr. Thompson noted. ■

CADUET® (amlodipine besylate/atorvastatin calcium) Tablets
Brief Summary of Prescribing Information
INDICATIONS AND USAGE: CADUET (amlodipine and atorvastatin) is indicated in patients for whom treatment with
both amlodipine and atorvastatin is appropriate. Amlodipine: 1. Hypertension: Amlodipine is indicated for the
treatment of hypertension. It may be used alone or in combination with other antihypertensive agents; 2. Coronary
Artery Disease (CAD): Chronic Stable Angina: Amlodipine is indicated for the treatment of chronic stable angina.
Amlodipine may be used alone or in combination with other antihypertensive agents; Yasospastic Angina
(Prinzmetal's or Variant Angina): Amlodipine is indicated for the treatment of confirmed or suspected vasospastic
angina. Amlodipine may be used as monotherapy or in combination with other antianginal drugs, Angiography and Angiography and without heart failure or an ejection
fraction <40%, amlodipine is indicated to reduce the risk of hospitalization due to angina and to reduce the risk of accornary reascularization procedure. AMD Atorvastatin: 1. Prevention of Cardiovascular Disease: In adult patients
without clinically evident coronary heart disease, but with multiple risk factors for coronary heart disease such as age,
smoking, Hypertension, low HDL-C, or a family history of early coronary heart disease, but with multiple risk factors for
coronary heart disease such as retinopathy, albuminuria, smoking, or hypertension, LIPITOR is indicated to:
-Reduce the risk of myocardial infarction
-Reduce the risk of revascularization procedures and angina
In patients with type 2 diabetes, and without clinically evident coronary heart disease, but with multiple risk factors for
coronary heart disease such as retinopathy, albuminuria, smoking, or hypertension, LIPITOR is indicat

Risk Category	LDL-C Goal (mg/dL)	LDL-C Level at Which to Initiate Therapeutic Lifestyle Changes (mg/dL)	LDL-C Level at Which to Consider Drug Therapy (mg/dL)
CHD ^a or CHD risk equivalents (10-year risk >20%)	<100	≥100	≥130 (100-129: drug optional) ^b
2+ Risk Factors (10-year risk ≤20%)	<130	≥130	10-year risk 10%-20%: ≥130 10-year risk <10%: ≥160
0-1 Risk Factor ^c	<160	≥160	≥190 (160-189: LDL-lowering drug optional)

0-1 Risk Factor 1-160 ≥160 drug optional)

* CHD, coronary heart disease. * Some authorities recommend use of LDL-lowering drugs in this category if an LDL-C level of 5-100 mg/dL cannot be achieved by therapeutic lifestyle changes. Others prefer use of drugs that primarily modify triglycerides and HDL-C, e.g., nicotinic acid or fibrate. Clinical judgment also may call for deferring drug therapy in this subcategory. * Almost all people with 0-1 risk factor have 10-year risk <10%; thus, 10-year risk sassessment in people with 0-1 risk factor is not necessary.

After the LDL-C goal has been achieved, if the TG is still > 200 mg/dL, non-HDL-C (total-C minus HDL-C) becomes a secondary target of therapy. Non-HDL-C goals are set 30 mg/d Ln igher than LDL-C goals for each risk category. Prior to initiating therapy with atorvastatin, secondary causes for hypercholesterolemia (e.g., poorly controlled diabeto-mellitus, hypothyroidism, nephrotic syndrome, dysproteinemias, obstructive liver disease, other drug therapy, and alcoholism) should be excluded, and a lipid profile performed to measure total-C, LDL-C, HDL-C, and TG. For patients with TG <400 mg/dL (<-4.5 mmol/L), LDL-C can be estimated using the following equation: LDL-C = total-C - (0.20 x | TG] + HDL-C). For TG levels <400 mg/dL (<-4.5 mmol/L), bls equation is less accurate and LDL-C concentrations should be determined by ultracentrifugation. The antidyslipidemic component of CADUET has not been studied in conditions where the major lipoprotein abnormality is elevation of chylomicrons (*Fredrickson* Types* I and V). The NCEP classification of cholesterol levels in pediatric patients with a familial history of hypercholesterolemia or premature cardiovascular disease is summarized below:

Table 2. NCEP Classification of Cholesterol Levels in Pediatric Patients

Total-C (mg/dl)

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Category	Total-C (mg/dL)	LDL-C (mg/dL)		
Acceptable Borderline	<170 170-199	<110 110-129		
High	>200	>130		

Borderline | 170-199 | 110-129 | 1200 ≥ 130 |

CONTRAINDICATIONS: CADUET contains atorvastatin and is therefore contraindicated in patients with active liver disease or unexplained persistent elevations of serum transaminases. CADUET is contraindicated in patients with active liver disease or unexplained persistent elevations of serum transaminases. CADUET is contraindicated in patients with known hyperenssitivity to any component of this medication. Pregnancy and Lactation: Atherosclerosis is a chronic process and discontinuation of lipid-lowering drugs during pregnancy should have little impact on the outcome of long-term therapy of primary hypercholesterolemia. Cholesterol and other products of cholesterol biosynthesis is are essential components for fetal development (including synthesis of steroids and cell membranes). Since HMG-CoA reductase inhibitors decrease cholesterol synthesis and possibly the synthesis of other biologically active substances derived from cholesterol, they may cause fetal harm when administered to pregnant women. Therefore, HMG-CoA reductase inhibitors are contraindicated during pregnancy and in nursing mothers. CADUET, WHICH INCLUDES ATORVASTATIS, HOULD BE ADMINISTERED TO WOMEN OF CHILDBEARING AGE ONLY WHEN SUCH PATIENTS ARE HIGHTY UNILKELY TO CONCEIVE AND HAVE BEEN INFORMED OF THE POTENTIAL HAZARDS. If the patient becomes pregnant while taking this drug, therapy should be discontinued and the patient apprised of the potential hazard to the fetus.

WARNINGS: Increased Angina and/or Myocardial Infarction: Rarely, patients, particularly those with severe obstructive coronary artery disease, have developed documented increased frequency, duration and/or severity of angina or acute myocardial infarction on starting calcium channel blocker therapy or at the time of dosage increase. The mechanism of this effect has not been elucidated. Liver Dysfunction: HMG-CoA reductase inhibitors, like some other lipid-lowering therapies, have been associated with biochemical abnormalities of liver f drug interruption, or discontinuation, transaminase levels returned to or near pretreatment levels without sequelae. Eighteen of 30 patients, with persistent LFT elevations continued treatment with a reduced dose of atorvastatin. It is recommended that liver function tests be performed prior to and at 12 weeks following both initiation of therapy and any elevation of dose, and periodically (e.g., semiannually) thereafter. Liver enzyme changes generally occur in the first 3 months of treatment with atorvastatin. Patients who develop increased managinase levels should be monitored until the abnormalities resolve. Should an increase in ALT or AST of 73 times ULIN persist, reduction of dose or withdrawal of CADUET is recommended. CADUET should be used with caution in patients who consume substantial quantities of alcohol and/or have a history of liver disease. Active liver disease or unexplained persistent transaminase elevations are contraindications to the use of CADUET (see CONTRAINDICATIONS). Skeled Witsclet: Rare cases of rhabdomyolysis with acute renal failure secondary to myoglobinural have been reported with the atorvastatin component of CADUET and with other drugs in the HMG-CoA reductase inhibitor class. Uncombilicated myalgia has been reported in atorvastatin-treated patients (see ADVERSE REACTIONS). Myopathy,

>10 mes UN, bould be considered in any patient with effice regigies, mustic interferes or weakness, and or marked electrical of PSR. Planess and use extended in the property of the property daily resulted in a 3-fold increase in atorvastatin AUC. Concomitant administration of atorvastatin 20 mg with lopinavir plus ritionavir (400 mg+100 mg twice daily) resulted in a 5.9-fold increase in atorvastatin AUC (see WARNINGS, Skeletal Muscle, and DOSAGE AND ADMINISTRATION). Itraconazole: Concomitant administration of atorvastatin (20 to 40 mg) and itraconazole (200 mg) was associated with a 2.5-3.3-fold increase in atorvastatin AUC. Diltazem hydrochloride: Co-administration of atorvastatin (40 mg) with diltizaem (240 mg) was associated with higher plasma concentrations of atorvastatin. Cimetidine: Atorvastatin plasma concentrations and LDL-C reduction were not altered by co-administration of cimetidine. Grapefruit Juice: Contains one or more components that inhibit CYP 3A4 and can increase plasma concentrations of atorvastatin, especially with excessive grapefruit juice consumption (>1.2 liters per day). Cyclosporine: Atorvastatin and atorvastatin-metabolites are substrates of the OATP1B1 transporter. Inhibitors of the OATP1B1 (e.g. cyclosporine) can increase the bioavailability of atorvastatin. Concomitant administration of atorvastatin 10 mg and cyclosporine 5.2 mg/kg/day resulted in an 8.7-fold increase in atorvastatin AUC. In cases where co-administration of atorvastatin the cyclosporine is necessary, the dose of atorvastatin AUC. In cases where co-administration of atorvastatin the cyclosporine is necessary the dose of atorvastatin AUC. In case where co-administration of atorvastatin with inducers of cytochrome P450 3A4 (ge fevirence, rifampin) can lead to variable reductions in plasma concentrations of atorvastatin. Due to the dual interaction mechanism of rifampin, simultaneous co-administration of atorvastatin with finding in is recommended, as delayed administration of atorvastatin deventions in plasma concentrations of atorvastatin and colorvastatin and colorvastatin and mala more administration of infampin has been associated with a significant reduction in atorvastatin plasma concentration dev