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WHAT IF DIET & EXERCISE DIDN'T LOWER TRIGLYCERIDES?•

Sep 12, 2011 | By [Andrew Breslin](#)

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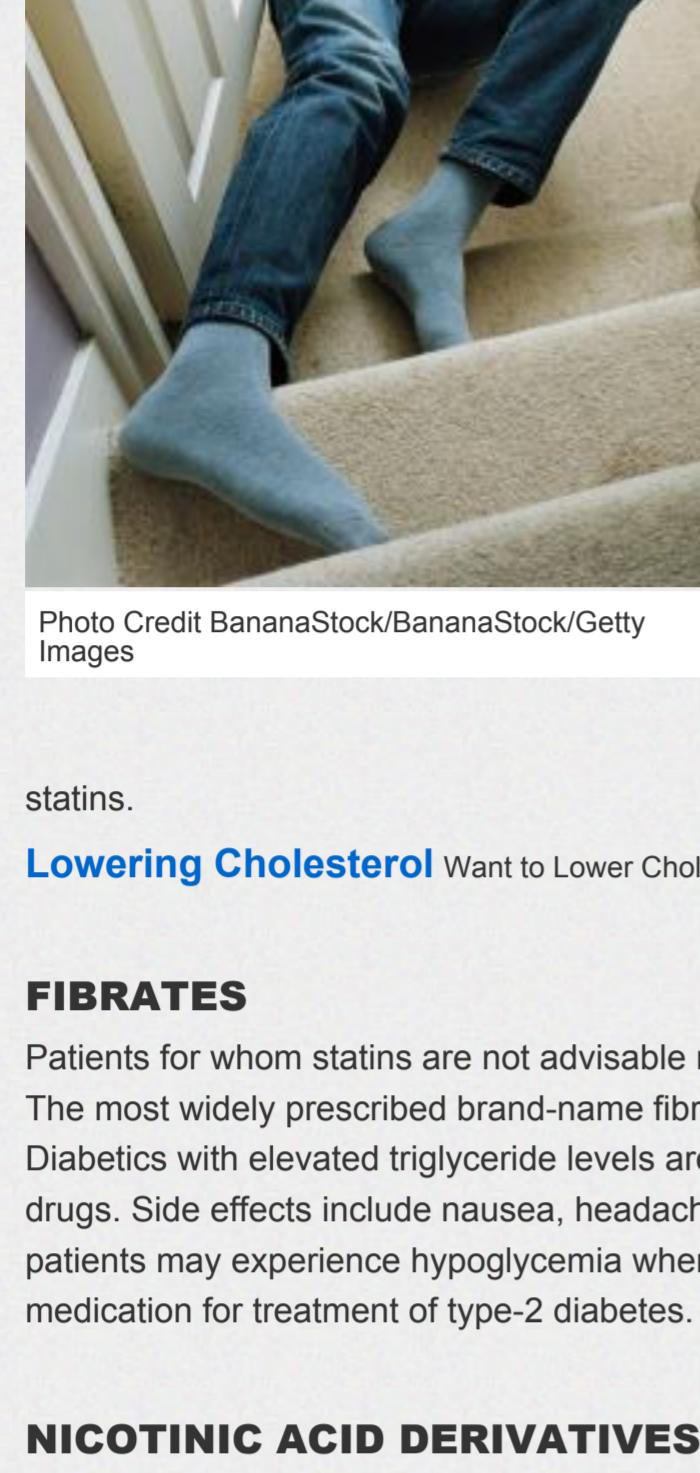


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Elevated triglyceride levels increase the risk for heart disease, the No. 1 cause of death in the United States. The Centers for Disease Control and Prevention estimates that, based on 2010 data, an American experiences a coronary event once every 25 seconds, and one person dies from one every minute on average. That's over half a million deaths from heart disease every year. Proper diet and exercise are your first line of defense against disease. Some medications exist for those patients who have been unsuccessful in lowering triglycerides through sensible lifestyle choices.

STATINS

More formally known as 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors, statins are the most widely prescribed class of drugs to treat high cholesterol and triglyceride levels. There are six different medications of this class currently on the market, as of September 2011. These are Lipitor, Lescol, Mevacor, Pravachol, Crestor and Zocor. Side effects include skin rash, sleep disturbances and headaches. Statins may increase the risk for liver problems. Patients taking statins should avoid alcohol and grapefruit juice, which interferes with an enzyme responsible for normal metabolism of these drugs. Women that are pregnant or are likely to become pregnant should not take

statins.

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FIBRATES

Patients for whom statins are not advisable may be treated with fibrate-acid derivatives, also known as fibrates. The most widely prescribed brand-name fibrate medication is Lopid. Another fibrate medication is Tricor. Diabetics with elevated triglyceride levels are likely to be treated with fibrates in preference to other classes of drugs. Side effects include nausea, headaches, muscle aches, gallstones, heartburn and diarrhea. Diabetic patients may experience hypoglycemia when taking fibrates in combination with Prandin, a widely prescribed medication for treatment of type-2 diabetes.

NICOTINIC ACID DERIVATIVES

Drugs derived from nicotinic acid, also known as niacin or vitamin B3 are preferred in patients with blood triglyceride concentrations exceeding 250 milligrams per deciliter. Brand names include Niacor, Niaspan, Nicolar, Nicotinex Elixir and Slo-Niacin. One side-effect is a flushing sensation, described as a tingling or itchiness in the face, neck, chest and back. A review article by Dr. Arie Markel published in the June 2011 "Israeli Medical Association Journal" describes clinical trials combining new formulations of nicotinic acid derivatives with another drug, laropiprant, which reduces the flushing symptoms. At the time of publication, clinical trials were ongoing, but Markel ended on an optimistic note, stating that "niacin could reemerge as one of the most complete and promising lipid reducing drugs of the future."

LIFESTYLE

Medication may be advisable as a therapeutic approach in addition to healthy diet and exercise, not instead of it. Patients should choose foods high in omega-3 fatty acids, maintain a healthy weight, and avoid fried foods and foods high in saturated fat, as well as alcohol, which can strongly contribute to elevated triglyceride levels.

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Article reviewed by Jessica Lyons Last updated on: Sep 12, 2011

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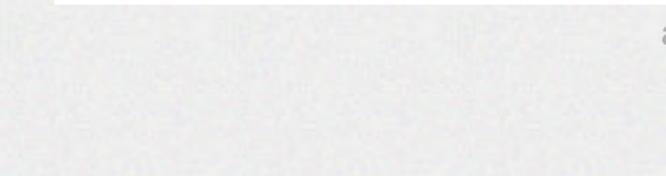


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