

Research Confirms Statins Are Colossal Waste of Money

Analysis by [Dr. Joseph Mercola](#) ✓ Fact Checked

STORY AT-A-GLANCE

- › The food industry shifted away from saturated fat and cholesterol to improve public health, and the medical industry has massively promoted the use of cholesterol-lowering statin drugs for the same reason. Despite that, the rate of heart disease deaths has steadily risen
- › Research has found that the more LDL (so-called “bad”) cholesterol is lowered, the greater the risk of heart attacks and strokes
- › The Minnesota Coronary Experiment, published in 2016, found replacing saturated fat with vegetable oil increased mortality and cardiovascular events, even though total cholesterol was lowered by 13.8%. For each 30 mg/dL reduction in serum cholesterol, the death risk rose by 22%
- › Since the commercialization of statin drugs in the late ‘80s, total sales have reached nearly \$1 trillion. Lipitor is the most profitable drug in the history of medicine. Yet these drugs have done nothing to derail the rising trend of heart disease
- › While there are studies claiming to show statins lower your risk of heart attack, many involve misleading plays on statistics. Statins also have many serious side effects

This article was previously published August 26, 2020, and has been updated with new information.

The lecturer in the featured video, Maryanne Demasi, Ph.D., produced the 2014 Australian Catalyst documentary, "Heart of the Matter: Dietary Villains," which exposed

the cholesterol/saturated fat myths behind the statin fad and the financial links which lurk underneath.

The documentary was so thorough that vested interests actually convinced ABC TV to rescind the two-part series.¹ The Australian Heart Foundation, the three largest statin makers (Pfizer, AstraZeneca and Merck Sharp & Dohme) and Medicines Australia, Australia's drug lobby group, complained² and got the documentary expunged from ABC TV.

Cholesterol and saturated fat have been the villains of heart disease for the past four decades, despite the many studies showing neither has an adverse effect on heart health.

The entire food industry shifted away from saturated fat and cholesterol, ostensibly to improve public health, and the medical industry has massively promoted the use of cholesterol-lowering statin drugs for the same reason. Despite all of that, the rate of heart disease deaths continues to be high.³ That really should tell us something.

Statins Are a Colossal Waste of Money

Since the release of Demasi's documentary, the evidence against the cholesterol theory and statins has only grown. As noted in an August 4, 2020, op-ed by Dr. Malcolm Kendrick, a general practitioner with the British National Health Service:⁴

"New research shows that the most widely prescribed type of drug in the history of medicine is a waste of money. One major study found that the more 'bad' cholesterol was lowered, the greater the risk of heart attacks and strokes.

In the midst of the COVID-19 pandemic, almost every other medical condition has been shoved onto the sidelines. However, in the UK last year, heart attacks and strokes (CVD) killed well over 100,000 people – which is at least twice as many as have died from COVID-19.

CVD will kill just as many this year, which makes it significantly more important than COVID-19, even if no one is paying much attention to it right now."

According to a scientific review⁵ published online August 4, 2020, in BMJ Evidence-Based Medicine, lowering LDL is not going to lower your risk of heart disease and stroke. "Decades of research has failed to show any consistent benefit for this approach," the authors note.

Since the commercialization of statin drugs in the late '80s (lovastatin being the first one, gaining approval in 1987⁶), total sales have reached nearly \$1 trillion.^{7,8} Lipitor — which is just one of several brand name statin drugs — was named the most profitable drug in the history of medicine.^{9,10} Yet these drugs have done nothing to derail the rising trend of heart disease.

Lowering Cholesterol Does Not Show a Beneficial Impact

According to a press release announcing the BMJ Evidence-Based Medicine review, the analysis found that:¹¹

"... over three quarters of all the trials reported no positive impact on the risk of death and nearly half reported no positive impact on risk of future cardiovascular disease.

And the amount of LDL cholesterol reduction achieved didn't correspond to the size of the resulting benefits, with even very small changes in LDL cholesterol sometimes associated with larger reductions in risk of death or cardiovascular 'events,' and vice versa. Thirteen of the clinical trials met the LDL cholesterol reduction target, but only one reported a positive impact on risk of death ..."

In their paper,¹² the study authors argue that since dozens of randomized controlled trials looking at LDL-cholesterol reduction "have failed to demonstrate a consistent benefit, we should question the validity of this theory."

“ In most fields of science the existence of contradictory evidence usually leads to a paradigm shift or modification of the theory in question, but in this case the contradictory evidence has been largely ignored, simply because it doesn't fit the prevailing paradigm.”

They also cite the Minnesota Coronary Experiment,¹³ a double-blind randomized controlled trial involving 9,423 subjects that sought to determine whether replacing saturated fat with omega-6 rich vegetable oil (corn oil and margarine) would reduce the death rate from heart disease by lowering cholesterol.

It didn't. Mortality and cardiovascular events increased even though total cholesterol was lowered by 13.8%. For each 30 mg/dL reduction in serum cholesterol, the death risk rose by 22%. In conclusion, the Evidence-Based Medicine study authors note that:¹⁴

"In most fields of science the existence of contradictory evidence usually leads to a paradigm shift or modification of the theory in question, but in this case the contradictory evidence has been largely ignored, simply because it doesn't fit the prevailing paradigm."

Deception Through Statistics

If lowering cholesterol doesn't reduce mortality or cardiovascular events, there's little reason to use them, considering they come with a long list of adverse side effects. Sure, there are studies claiming to show benefit, but many involve misleading plays on statistics.

One common statistic used to promote statins is that they lower your risk of heart attack by about 36%.¹⁵ This statistic is derived from a 2008 study¹⁶ in the European Heart Journal. One of the authors on this study is Rory Collins, who heads up the CTT Collaboration (Cholesterol Treatment Trialists' Collaboration), a group of doctors and

scientists who analyze study data¹⁷ and report their findings to regulators and policymakers.

Table 4 in this study shows the rate of heart attack in the placebo group was 3.1% while the statin group's rate was 2% – a 36% reduction in relative risk. However, the absolute risk reduction – the actual difference between the two groups, i.e., 3.1% minus 2% – is only 1.1%, which really isn't very impressive.

In other words, in the real world, if you take a statin, your chance of a heart attack is only 1.1% lower than if you're not taking it. At the end of the day, what really matters is what your risk of death is the absolute risk. The study, however, only stresses the relative risk (36%), not the absolute risk (1.1%).

As noted in the review¹⁸ "How Statistical Deception Created the Appearance That Statins Are Safe and Effective in Primary and Secondary Prevention of Cardiovascular Disease," it's very easy to confuse and mislead people with relative risks.

Statins Sabotage Your Health

A stunning review of statin trials published in 2015 found that in primary prevention trials, the median postponement of death in those taking statins was a mere 3.2 days. While potentially extending life span by 3.2 days, those taking statins are also at increased risk for:

Diabetes (if taken for more than two years, your risk for diabetes triples)	Dementia, neurodegenerative diseases and psychiatric problems such as depression, anxiety and aggression
Musculoskeletal disorders	Osteoporosis
Cataracts	Heart disease
Liver damage	Immune system suppression

Oftentimes statins do not have any immediate side effects, and they are quite effective, capable of lowering cholesterol levels by 50 points or more. This is often viewed as evidence that your health is improving. Side effects that develop over time are frequently misinterpreted as brand-new, separate health problems.

Crimes Against Humanity

The harm perpetuated by the promotion of the low-fat, low-cholesterol myth is so significant, it could easily be described as a crime against humanity. Ancel Keys' 1963 "Seven Countries Study" was instrumental in creating the saturated fat myth.^{19,20}

He claimed to have found a correlation between total cholesterol concentration and heart disease, but in reality this was the result of cherry picking data. When data from 16 excluded countries are added back in, the association between saturated fat consumption and mortality vanishes.

In fact, the full data set suggests that those who eat the most saturated animal fat tend to have a lower incidence of heart disease, which is precisely what other, more recent studies have concluded.

Procter & Gamble Co.²¹ (the maker of Crisco²²), the American Heart Association and the Center for Science in the Public Interest (CSPI) all promoted the fallacy for decades, despite mounting evidence that Keys had gotten it all wrong.

The AHA was issuing stern warnings against butter, steak and coconut oil as recently as 2017.²³ That same year, Procter & Gamble partnered with University Hospitals Harrington Heart & Vascular Institute to promote heart health by lowering cholesterol.²⁴

CSPI was also instrumental in driving heart disease skyward with its wildly successful pro-trans fat campaign. It was largely the result of CSPI's campaign that fast-food restaurants replace beef tallow, palm oil and coconut oil with partially hydrogenated vegetable oils, which were high in synthetic trans fats linked to heart disease and other chronic diseases.

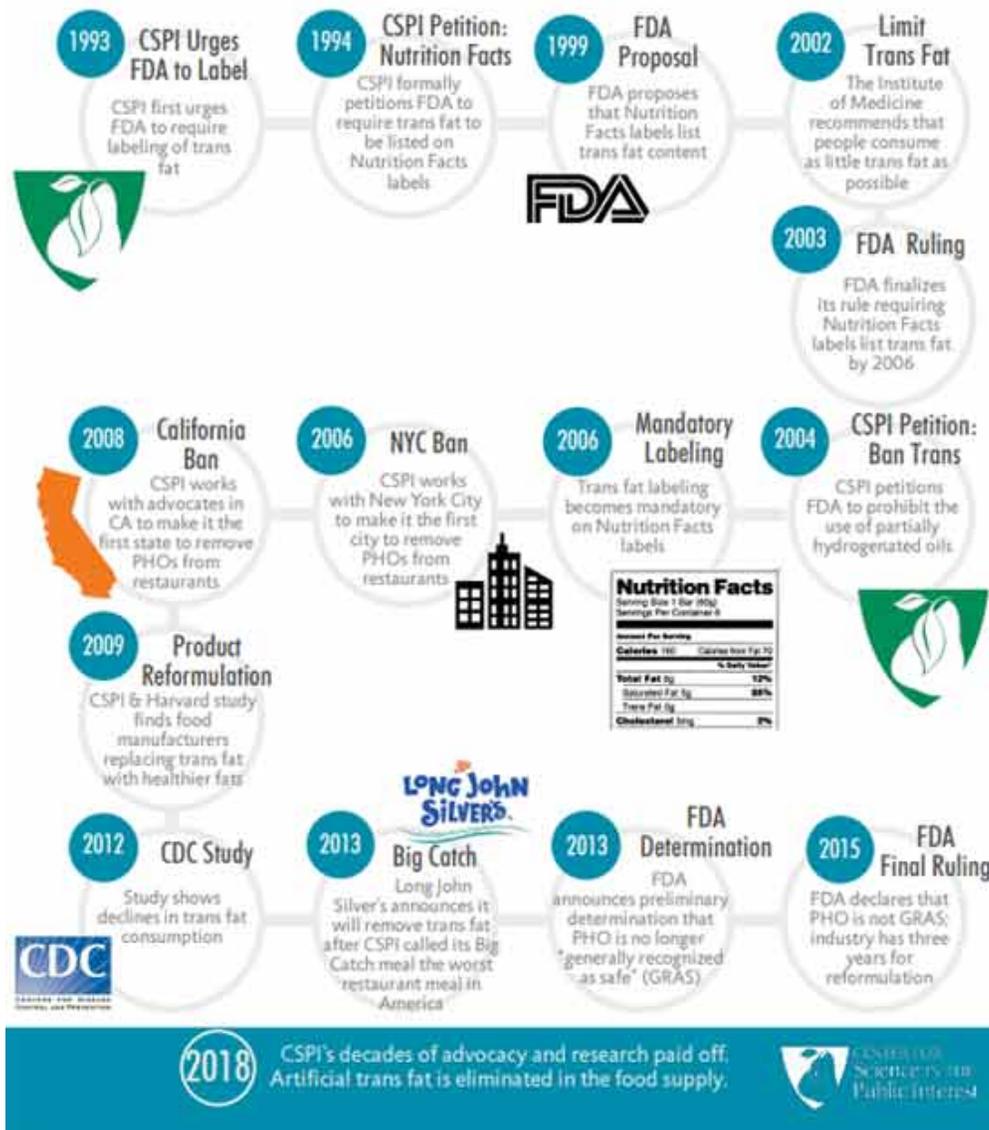
As late as 1988, CSPI praised trans fats, saying "there is little good evidence that trans fats cause any more harm than other fats" and that "much of the anxiety over trans fats stems from their reputation as 'unnatural.'"²⁵

CSPI and AHA Omit Their Role in Heart Disease Epidemic

Today, you'll have to dig deep to unearth CSPI's devastating public health campaign. In an act of deception, they erased it from their history to make people believe they've been doing the right thing all along. Their historical timeline²⁶ of trans fat starts at 1993 – the year CSPI decided to change course and start supporting the elimination of the same trans fat they'd spent years promoting.

Artificial Trans Fat: A Timeline

Key milestones in a 25-year-long campaign to get artificial trans fat out of the food supply



Similarly, the AHA conveniently omits saturated fat and cholesterol from its history of "lifesaving" breakthroughs and achievements.²⁷ It makes sense, though, considering the AHA's and CSPI's recommendations to swap saturated fat for vegetable oils and synthetic trans fat never resulted in anything but an epidemic of heart disease.

The idea that the harms of trans fats were unknown until the 1990s is simply a lie. The late Dr. Fred Kummerow started publishing evidence showing trans fat, not saturated fat, was the cause of heart disease in 1957. He also linked trans fat to Type 2 diabetes.

The Truth About Saturated Fat

In addition to the more recent studies mentioned earlier, many others have also debunked the idea that cholesterol and/or saturated fat impacts your risk of heart disease. For example:

- In a 1992 editorial published in the Archives of Internal Medicine,²⁸ Dr. William Castelli, a former director of the Framingham Heart study, stated:

"In Framingham, Mass., the more saturated fat one ate, the more cholesterol one ate, the more calories one ate, the lower the person's serum cholesterol. The opposite of what ... Keys et al [said] ..."

- A 2010 meta-analysis,²⁹ which pooled data from 21 studies and included 347,747 adults, found no difference in the risks of heart disease and stroke between people with the lowest and highest intakes of saturated fat.
- Another 2010 study³⁰ published in the American Journal of Clinical Nutrition found that a reduction in saturated fat intake must be evaluated in the context of replacement by other macronutrients, such as carbohydrates.

When you replace saturated fat with a higher carbohydrate intake, particularly refined carbohydrate, you exacerbate insulin resistance and obesity, increase triglycerides and small LDL particles, and reduce beneficial HDL cholesterol. According to the authors, dietary efforts to improve your cardiovascular disease risk should primarily emphasize the limitation of refined carbohydrate intake, and weight reduction.

- A 2014 meta-analysis³¹ of 76 studies by researchers at Cambridge University found no basis for guidelines that advise low saturated fat consumption to lower your cardiac risk, calling into question all of the standard nutritional guidelines related to heart health. According to the authors:

"Current evidence does not clearly support cardiovascular guidelines that encourage high consumption of polyunsaturated fatty acids and low

consumption of total saturated fats."

Will Saturated Fat Myth Soon Be Upended?

Nina Teicholz, a science journalist, adjunct professor at NYU's Wagner Graduate School of Public Service and the executive director of The Nutrition Coalition, is the author of "The Big Fat Surprise: Why Butter, Meat and Cheese Belong in a Healthy Diet," which reviews the many myths surrounding saturated fat and cholesterol.

In an interview I did with Dr. Paul Saladino and Teicholz, they reviewed the history of the demonization of saturated fat and cholesterol, starting with Keys, and how the introduction of the first Dietary Guidelines for Americans in 1980 (which recommended limiting saturated fat and cholesterol) coincided with a rapid rise in obesity and chronic diseases such as heart disease.

Teicholz also reviewed a paper³² in the Journal of the American College of Cardiology, published online June 17, 2020, which actually admits the long-standing nutritional guideline to limit saturated fat has been incorrect. This is a rather stunning admission, and a huge step forward. As noted in the abstract:

"The recommendation to limit dietary saturated fatty acid (SFA) intake has persisted despite mounting evidence to the contrary. Most recent meta-analyses of randomized trials and observational studies found no beneficial effects of reducing SFA intake on cardiovascular disease (CVD) and total mortality, and instead found protective effects against stroke.

Although SFAs increase low-density lipoprotein (LDL)-cholesterol, in most individuals, this is not due to increasing levels of small, dense LDL particles, but rather larger LDL which are much less strongly related to CVD risk.

It is also apparent that the health effects of foods cannot be predicted by their content in any nutrient group, without considering the overall macronutrient distribution.

Whole-fat dairy, unprocessed meat, eggs and dark chocolate are SFA-rich foods with a complex matrix that are not associated with increased risk of CVD. The totality of available evidence does not support further limiting the intake of such foods."

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