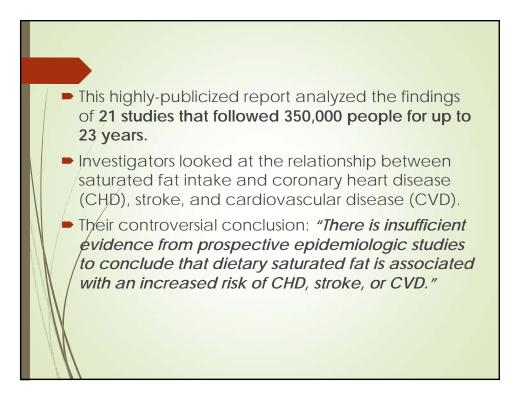
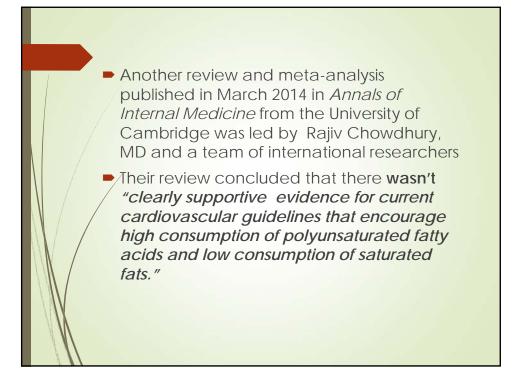
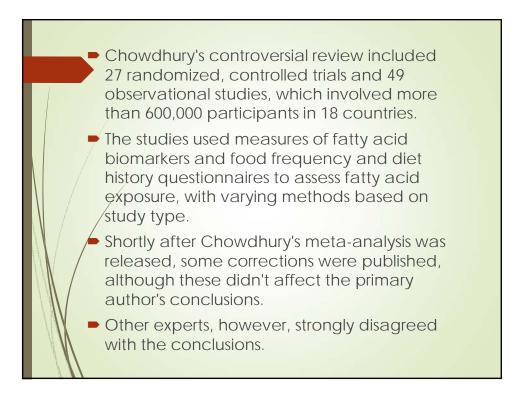
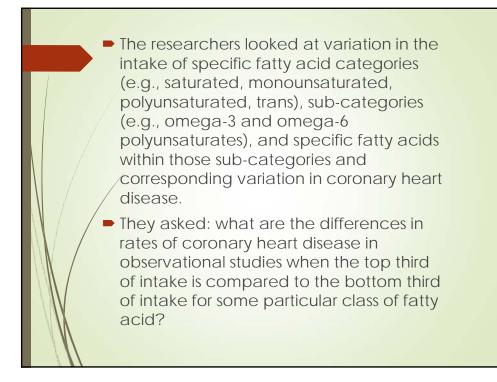


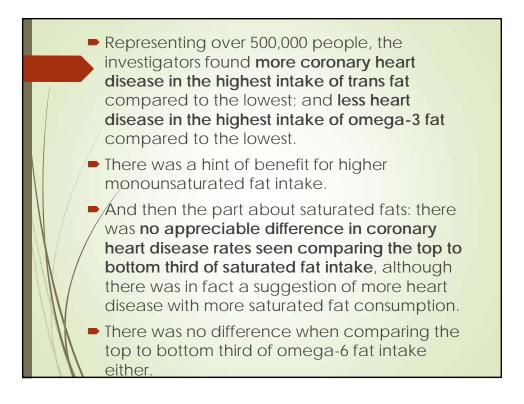
here's been controversy brewing over the past decade about just how bad saturated fat is for health.
Recently, several studies seemed to suggest that eating diets high in saturated fat did not raise the risk of heart disease—a finding that ran counter to decades of dietary advice. (Meta-analysis of prospective cohort studies evaluating the association of saturated fat with cardiovascular disease. *Am J Clin Nutr*. 2010;91:535-46.)





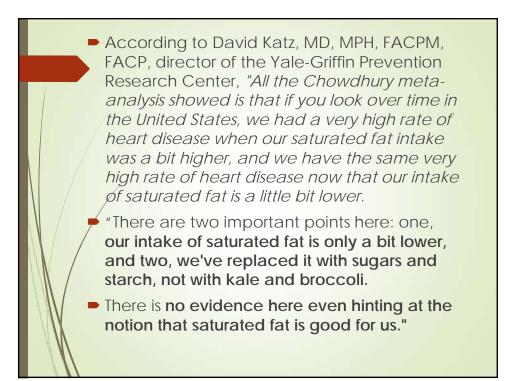


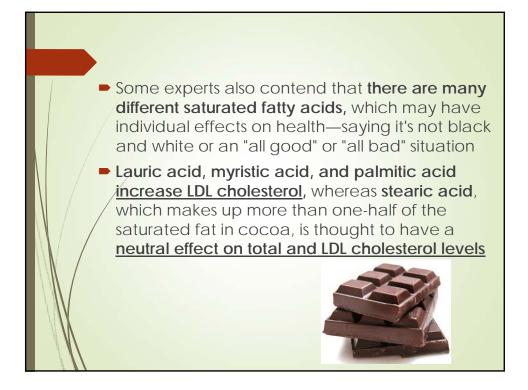


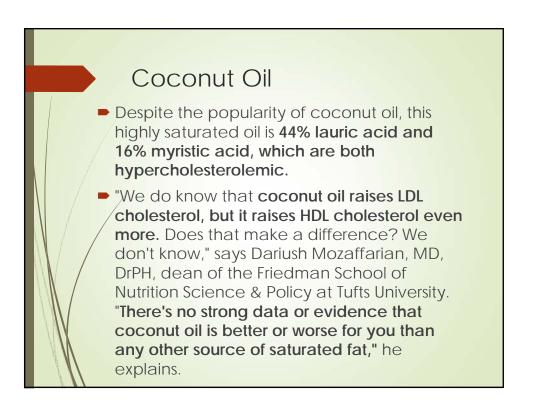


"Chowdhury's analysis was deeply flawed due to omission of important studies, extraction of incorrect data from some studies, incorrect interpretation of their own findings, and failure to mention results of other, superior analyses," says Walter Willett, MD, DrPH, chair of the department of nutrition at Harvard School of Public Health, who recommended a retraction of the study.

"The analysis missed the important benefits from both omega-3 and omega-6 polyunsaturated fats due to those problems, and therefore also missed **the important benefits of replacing saturated fat with polyunsaturated fats.**"

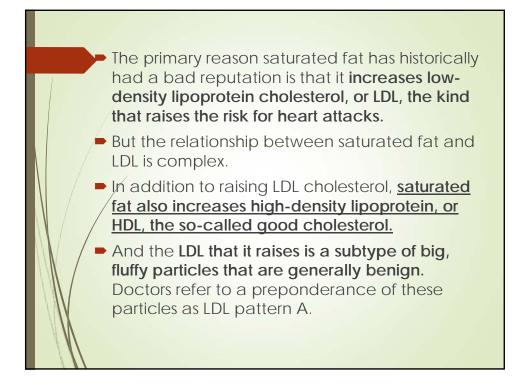


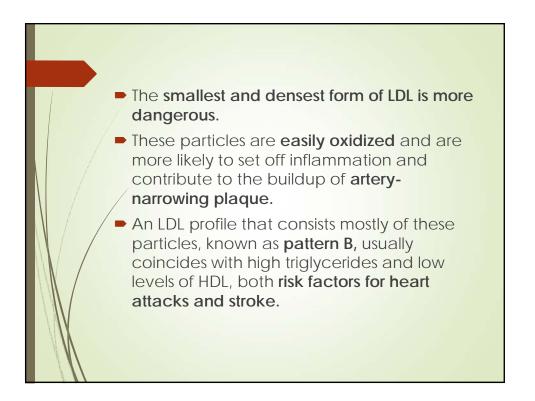


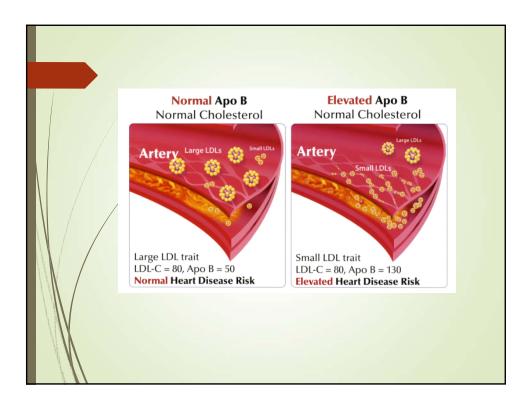


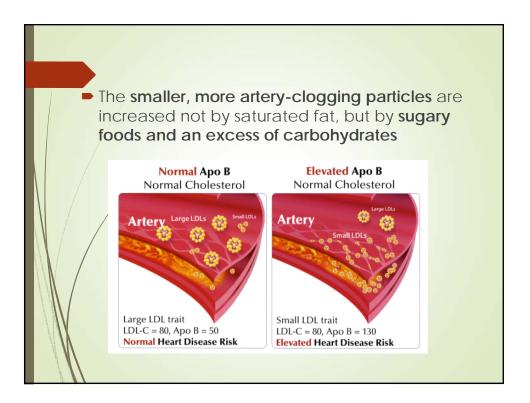








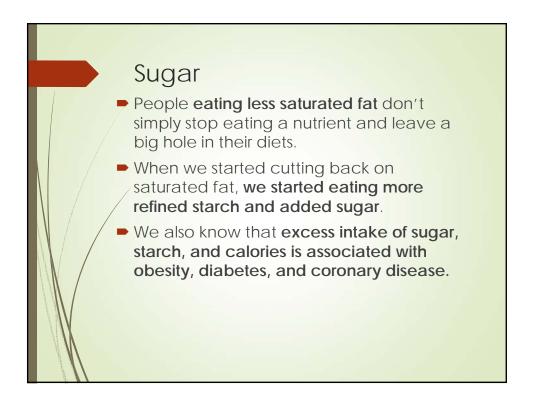


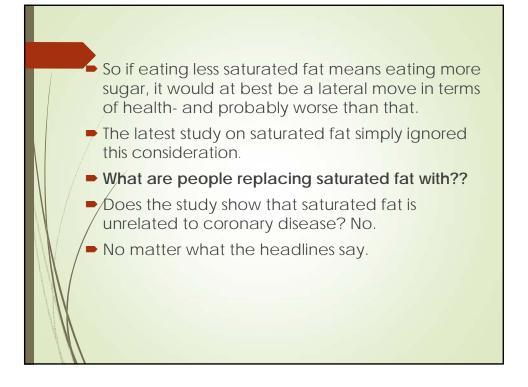


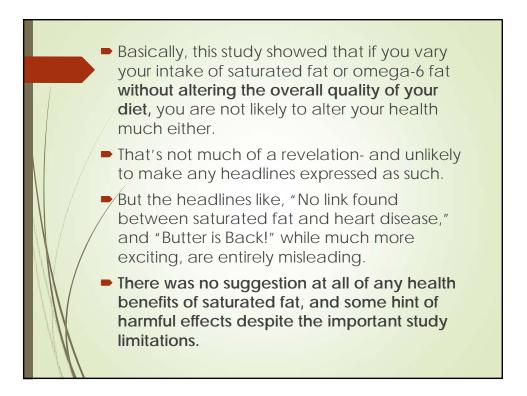
Sugar

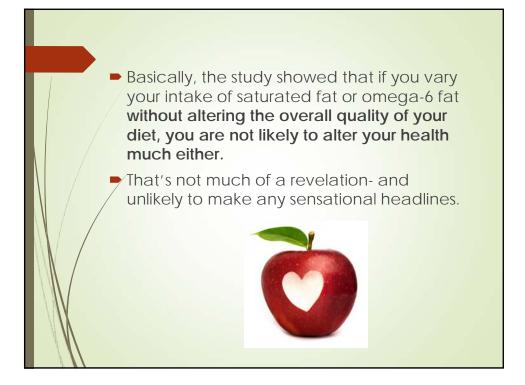
Sugar in any form, or refined carbohydrates (white food) drives the good cholesterol down, cause triglycerides to go up, creates small damaging cholesterol particles, and causes metabolic syndrome or prediabetes.

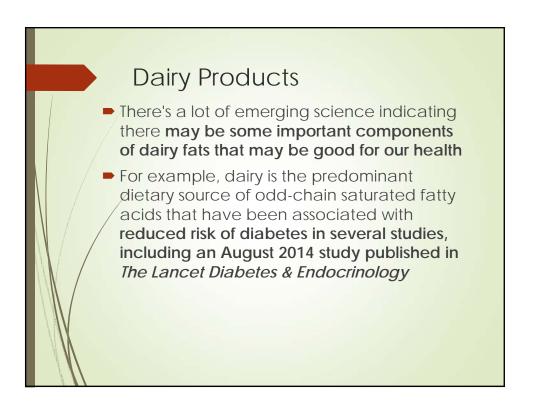


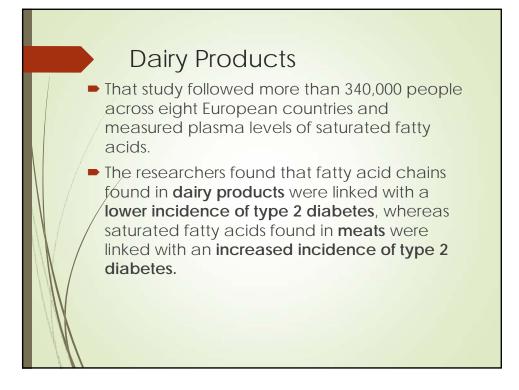


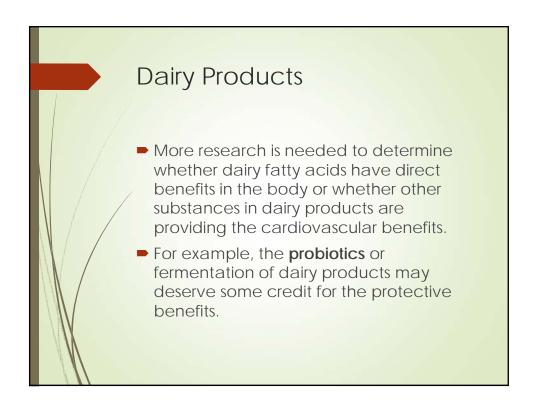


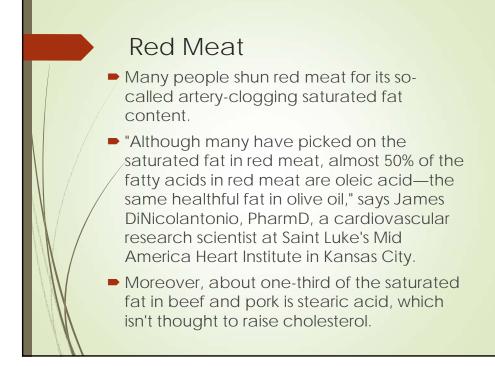


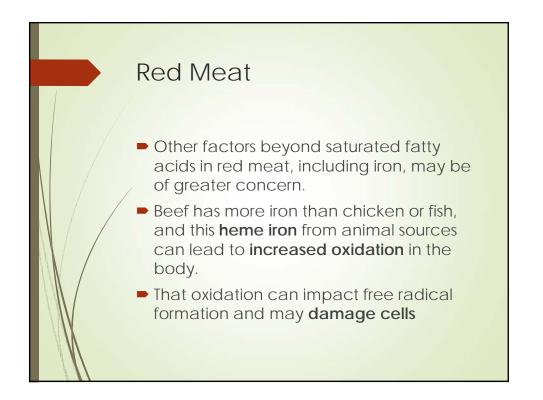








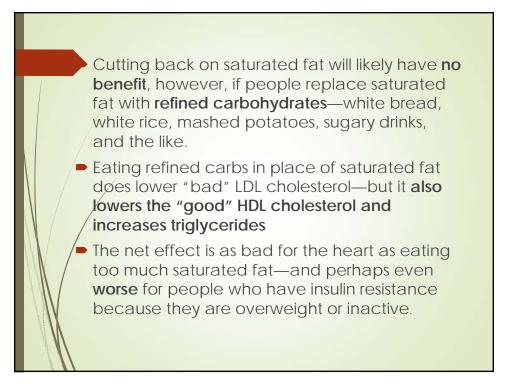




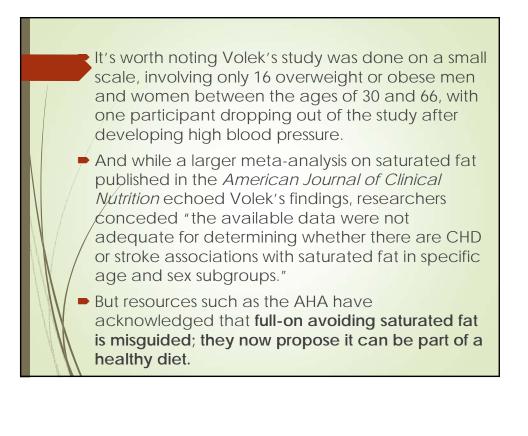
Cutting back on saturated fat can be good for health *if people replace saturated fat with good fats*, especially, polyunsaturated fats

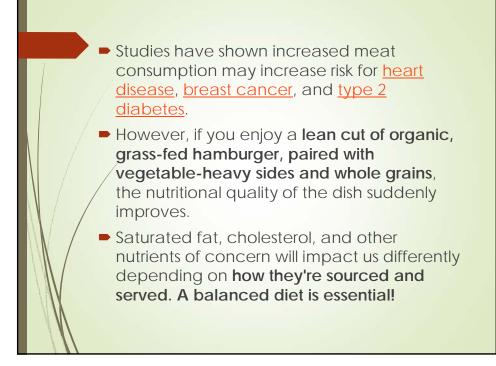
Eating good fats in place of saturated fat lowers the "bad" LDL cholesterol, and it improves the ratio of total cholesterol to "good" HDL cholesterol, lowering the risk of heart disease.

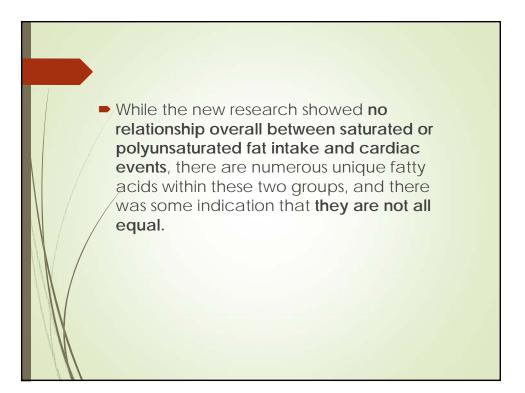
Eating good fats in place of saturated fat can also help **prevent insulin resistance**, a precursor to diabetes



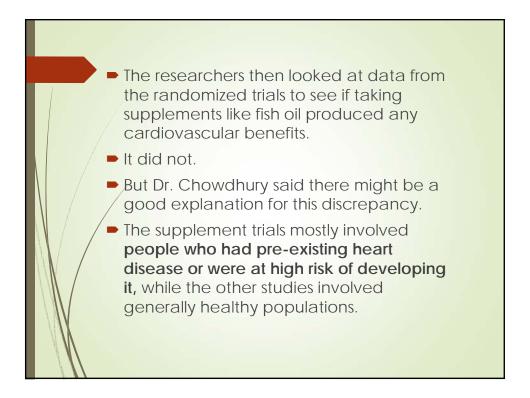
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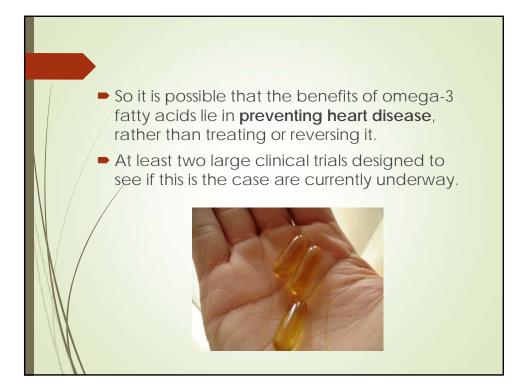


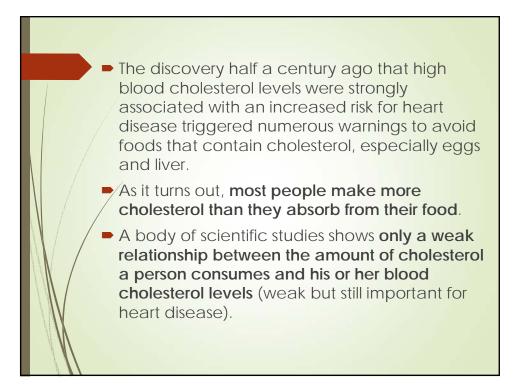




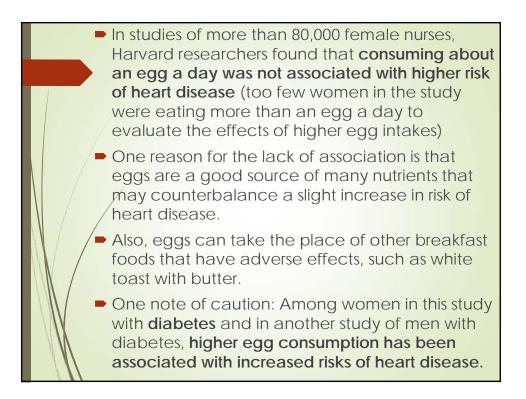
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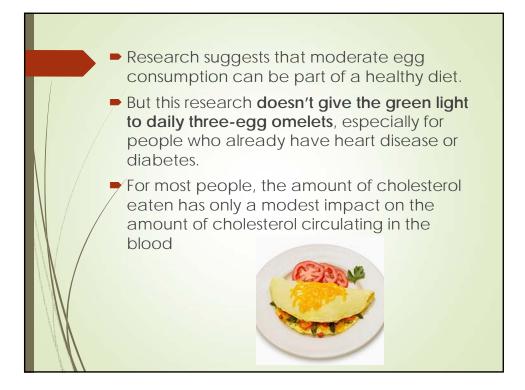


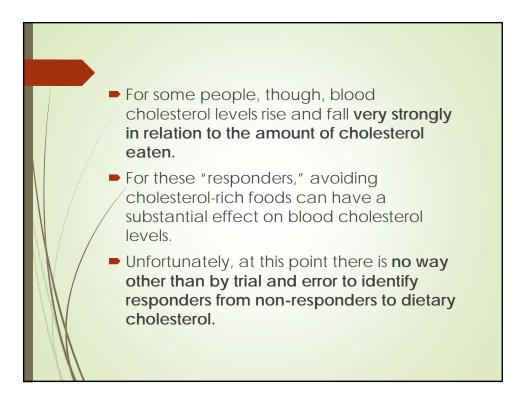


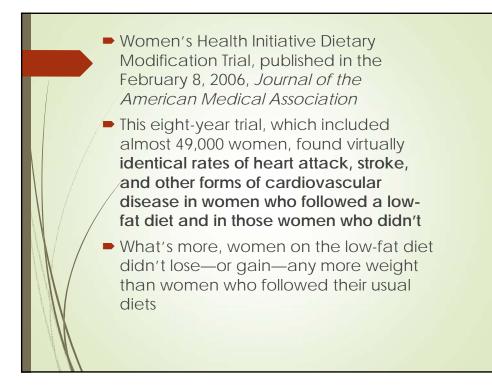


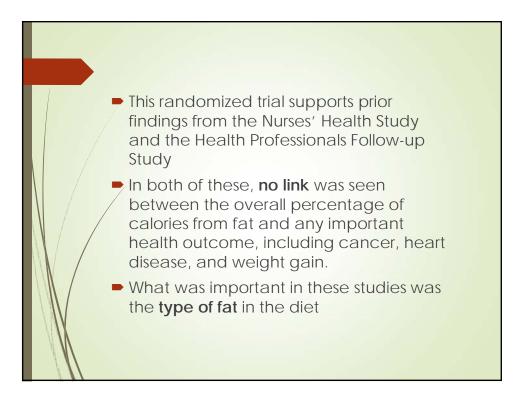


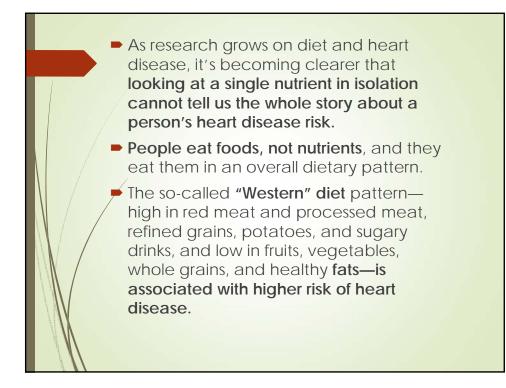


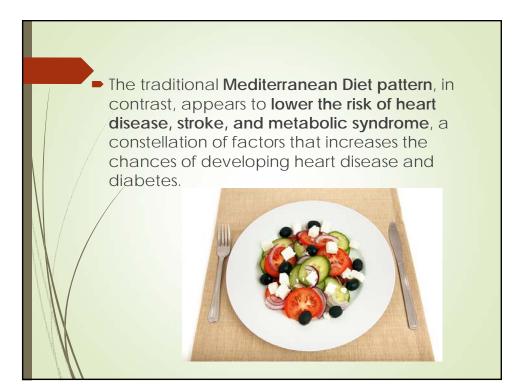


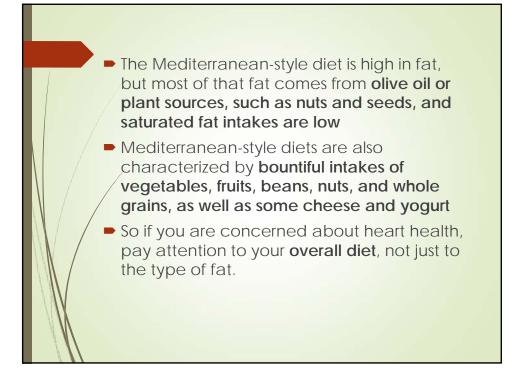


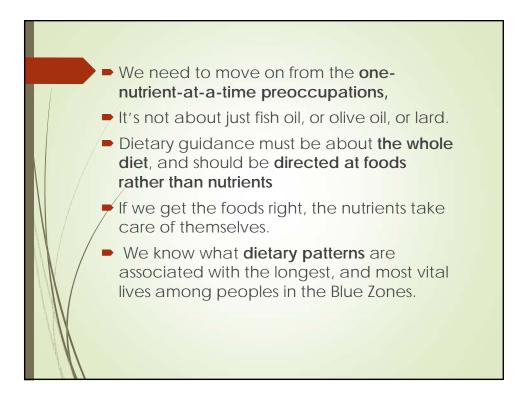








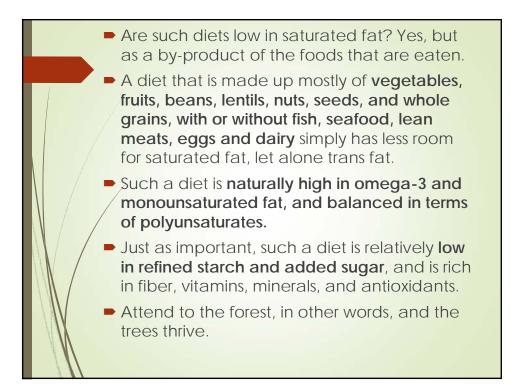




 We know what dietary patterns are associated with <u>dramatic reductions in the lifetime risk of all</u> <u>chronic diseases</u>.

We know what dietary patterns are associated with reductions in the rate of heart attack in intervention studies.









What About Fat and Weight Loss?

- It is a common belief that the more fat you eat, the more weight and body fat you gain.
- This belief has been bolstered by much of the nutrition advice given to people over the past few decades, which has focused on lowering total fat intake while increasing carbohydrate intake.
- But the notion that food fat equals body fat isn't completely true, and the advice has been misguided.

