

Name of Journal: *World Journal of Cardiology*

ESPS Manuscript NO: 21036

Manuscript Type: Review

Dyslipidemia management in primary prevention of cardiovascular disease: Current guidelines and strategies

Aditya D Hendrani, Tolulope Adesiyun, Renato Quispe, Steven R Jones, Neil J Stone, Roger S Blumenthal, Seth S Martin

Abstract

Cardiovascular disease is the leading cause of death in the United States. In 2010, the Centers for Disease Control and Prevention estimated that \$444 billion was spent on cardiovascular diseases alone, about \$1 of every \$6 spent on health care. As life expectancy continues to increase, this annual cost will also increase, making cost-effective primary prevention of cardiovascular disease highly desirable. Because of its role in development of atherosclerosis and clinical events, dyslipidemia management is a high priority in cardiovascular prevention. Multiple major dyslipidemia guidelines have been published around the world recently, four of them by independent organizations in the United States alone. They share the goal of providing clinical guidance on optimal dyslipidemia management, but guidelines differ in their emphasis on pharmacotherapy, stratification of groups, emphasis on lifestyle modification, and use of a fixed target or percentage reduction in LDL-C. This review summarizes eight major guidelines for dyslipidemia management and considers the basis for their recommendations. Our primary aim is to enhance understanding of dyslipidemia management guidelines in patient care for primary prevention of future cardiovascular risk.

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... lifestyle and dietary **strategies** to prevent **cardiovascular disease**. ... Specifically, the American Heart Association ... fat intake, is supported by other nutrition **guidelines**. ... use in **primary** and secondary **prevention**, such as the are rarely used in the **current** era of **lipid** lowering.

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22 Jun 2015 ... See the separate articles on **Prevention of Cardiovascular Disease** and ... NICE suggests that a systematic **strategy** should be used to identify ... **Current NICE guidance** does not recommend a **lipid target** for **primary prevention** and **Current clinical guidelines** recommend fibrates as the **treatment of choice**....

2009 Canadian Cardiovascular Society/Canadian guidelines for the ...

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... and **treatment of dyslipidemia** and **prevention of cardiovascular disease** in the ... clinical practice **guidelines** helps promote a standard of care that is **current** and the cost effectiveness and societal impact of **primary prevention strategies**.

Spanish Interdisciplinary Committee for Cardiovascular Disease ...

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However, in **primary prevention**, the application of the American **guidelines** would ... The elimination of the cholesterol treat-to-target **strategy**, so strongly rooted in the ... The European **guidelines** for

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... age" has been shown to reduce uncertainty surrounding prescribed therapy and improve the

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