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LDL cholesterol – How low to go?

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## **ACCEPTED MANUSCRIPT**

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#### **Abstract**

Epidemiology and the results of large-scale outcome trials indicate that the association of LDL with atherosclerotic cardiovascular disease is causal, and continuous not only across levels seen in the general population but also down to sub-physiological values. There is no scientific basis, therefore, to set a target or 'floor' for LDL cholesterol lowering, and this presents a clinical and conceptual dilemma for prescribers, patients and payers. With the advent of powerful agents such as proprotein convertase/subtilisin kexin type 9 (PCSK9) inhibitors, LDL cholesterol can be lowered profoundly but health economic constraints mandate that this therapeutic approach needs to be selective. Based on the need to

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