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What Are The Benefits Of Treatment Of Familial Hypercholesterolaemia (FH)?

A Cost-Effectiveness Model Based On Real-World Data Considering Cholesterol Burden

Background

FH is a genetic disorder
 Raises LDL-cholesterol
 High LDL-cholesterol raises risk of cardiovascular disease
LDL-cholesterol burden means greater risk for longer exposure

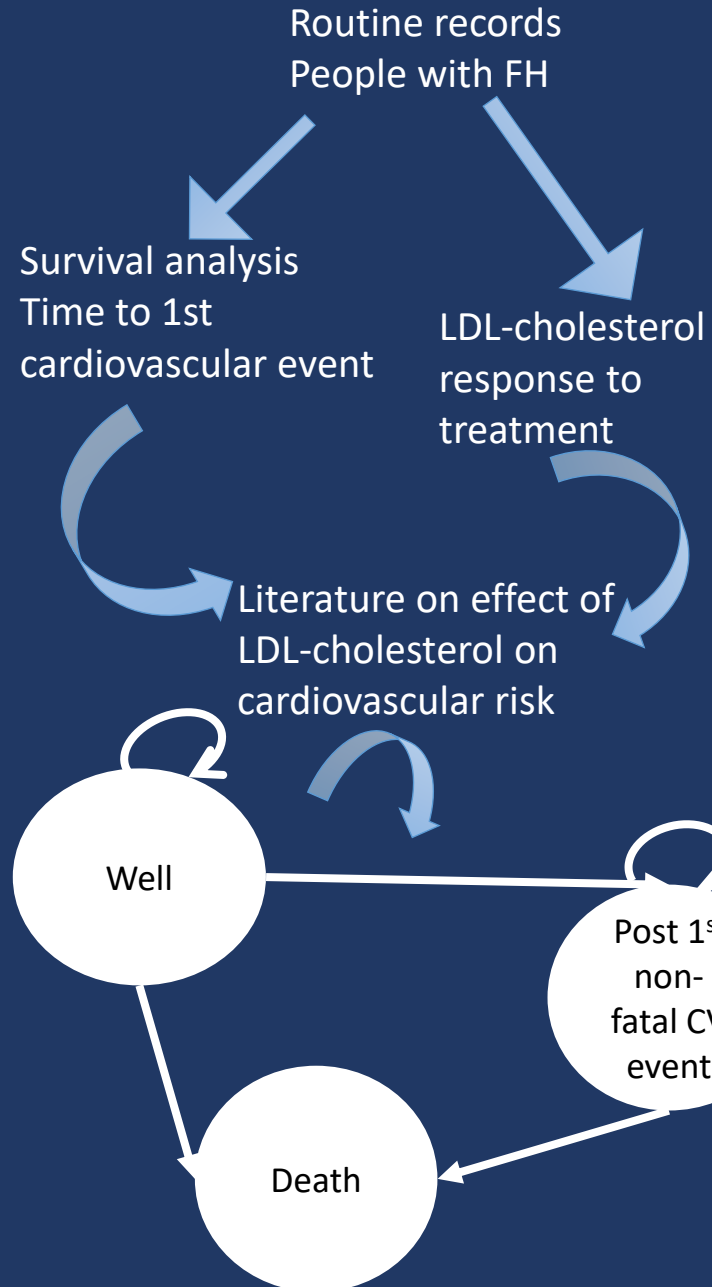
Objectives

To use real world-data from individuals with FH in UK
 To estimate cardiovascular risk
 To develop new cost-effectiveness model
 To predict outcomes

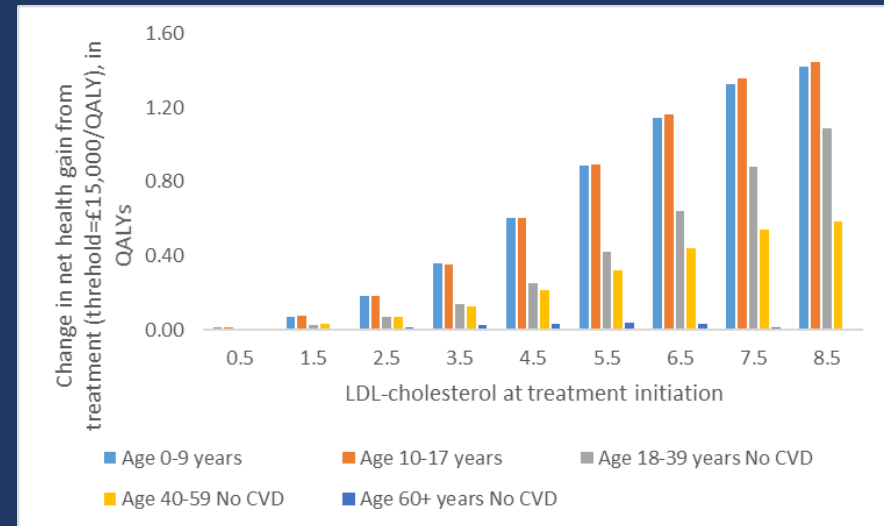
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Large difference in net health gain depending on whether LDL-cholesterol burden is included



Findings

Treatment is highly beneficial
 Greater benefits in younger people, with higher LDL-cholesterol or prior cardiovascular history
 Benefits depend on how LDL-cholesterol burden is considered