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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**

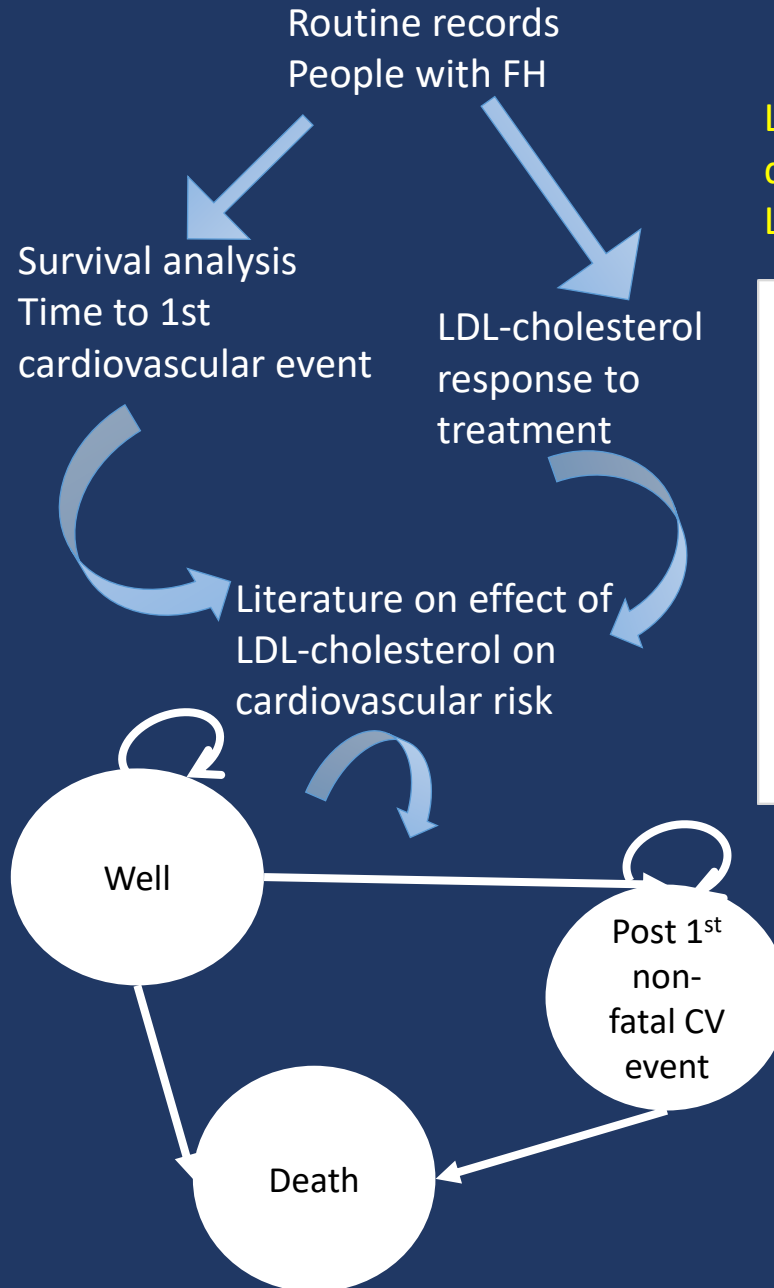
### Objectives

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

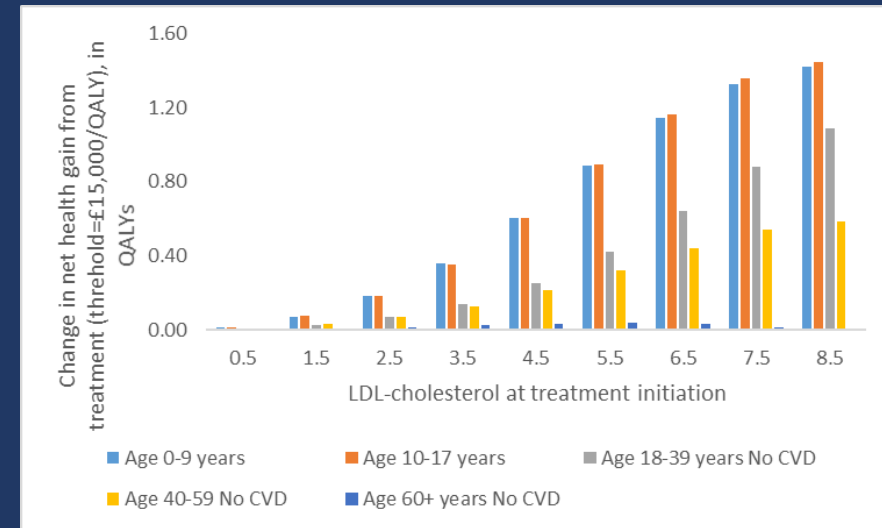
✉ rita.nevesdefaria@york.ac.uk  
 @RitalNdeFaria

Faria, R. <sup>1</sup>, Saramago, P. <sup>1</sup>, Cox, E. <sup>1</sup>, Weng, S. <sup>2</sup>, Iyen, B. <sup>2</sup>, Akyea, R.K. <sup>2</sup>, Humphries, S.E. <sup>3</sup>, Qureshi, N., Woods, B. <sup>1</sup>

1. Centre for Health Economics, University of York, UK
2. NIHR School for Primary Care Research, University of Nottingham, UK
3. Institute of Cardiovascular Science, University College London, UK.



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