

# CASE STUDY:

## Economic Modelling of the Benefits of Developing a Cardiovascular Centre at St Bartholomew's Hospital



York Health Economics Consortium (YHEC) developed an economic model to quantify the potential benefits of developing a specialist Cardiovascular Centre at St Bartholomew's Hospital, as part of an Outline Business Case (OBC) for submission to NHS England.

Data were gathered on activity, length of stay, patient mortality and the potential benefits of specialised services. These data were used to estimate the benefits of the existing two-site configuration compared to the potential benefits of a specialist Cardiovascular Centre.

Modelling indicated that there was scope for significant benefits in terms of reduced patient mortality through increased specialisation, as well as efficiency savings through reductions in patients' length of stay. This helps to improve capacity management and service flexibility.



The OBC was approved by NHS England in 2014. Barts Heart Centre at St Bartholomew's hospital is now open.

Read more about recent projects at YHEC:

<https://yhec.co.uk/resources/publications/>



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Providing Consultancy &  
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