

# Ongoing improvement of clinical trials

## Optimising how drugs are brought to market



### Goal

A global pharmaceutical business wished to improve clinical operations and better monitor and manage site-level quality risks. The company's focus was on:

- country footprint optimisation
- site selection and risk modelling
- trial management and forecasting

Its goal was to increase clinical trial productivity by more than 10%.

### Insight and Action

QuantumBlack identified and quantified factors that affect how drugs are tested through clinical trials. We used internal data to identify the sites that should no longer be used and the sites that should be prioritised in given therapeutic areas. We also created predictive models for enrolment periods and a risk score for quality based on a wide range of factors.

Further, we deployed an analytics platform that allows the organisation to improve site selection for clinical trials and predict time to completion of trials on an ongoing basis.

### Results

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# 15%

Faster enrolment across portfolio

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# 11%

Savings in external trial costs