

## Aurum

### Identifying clinical variation using AI and the latest cloud technology

Helping NHS trusts overcome unprecedented challenges by quickly finding systemic variation in clinical activity, driving improvements in efficiency and productivity from data.

Clinical delivery variation can result in inefficient use of resources, poor patient outcomes and increased costs. As financial pressures on the NHS continue to grow, organisations need to deliver the best value healthcare.

Civica's costing AI engine, Aurum, easily identifies systemic variation in clinical data. Using AI and the latest cloud technologies it can mine data in minutes: returning insights in a fraction of the time it would take a human analyst using traditional BI methods.

Using your data, Aurum helps identify tangible opportunities for improvement and drive transformational change. It quickly finds bottlenecks such as excessive bed days, low theatre numbers and can help manage the elective backlog post COVID-19.

Aurum's intuitive calculation engine can also be used as a benchmarking tool at an individual hospital level or across multiple providers. This allows you to intelligently identify clinicians with higher productivity and those not achieving the same levels

#### Also available, Population Health Intelligence

Aurum can identify inequitable delivery of care to your population, such as underserved demographic groupings or locations.

This can help you produce targeted public health campaigns: leading to people accessing services earlier and reducing pressure on acute services.

#### Key benefits:

- Automates identification of clinical variation in minutes
- Removes 99% of manual effort required to interrogate data
- Quickly highlights £millions of improvement opportunity
- Allows you to focus on driving transformational changes and achieve real outcomes
- Unlocks the true potential of your rich costing data set.

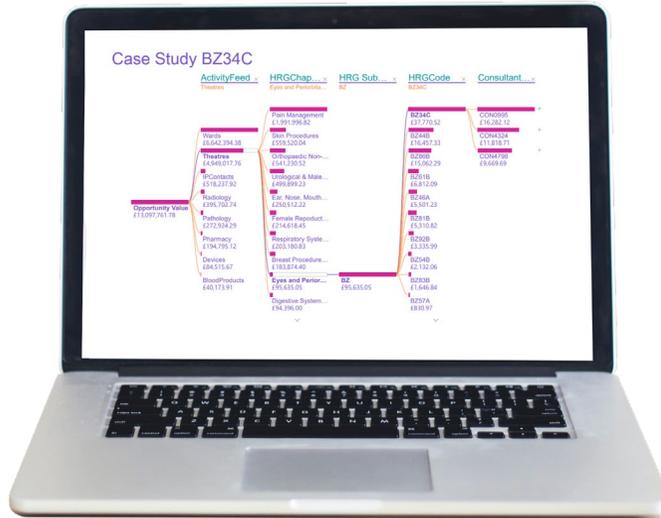
“ Alongside CostMaster, Aurum will play a critical role in supporting the long-term financial stability of our Trust, helping us deliver increased productivity and supporting the improvement of our overall quality of care.”

**Joel Harrison**, Chief Finance Officer,  
North West Anglia NHS Foundation Trust

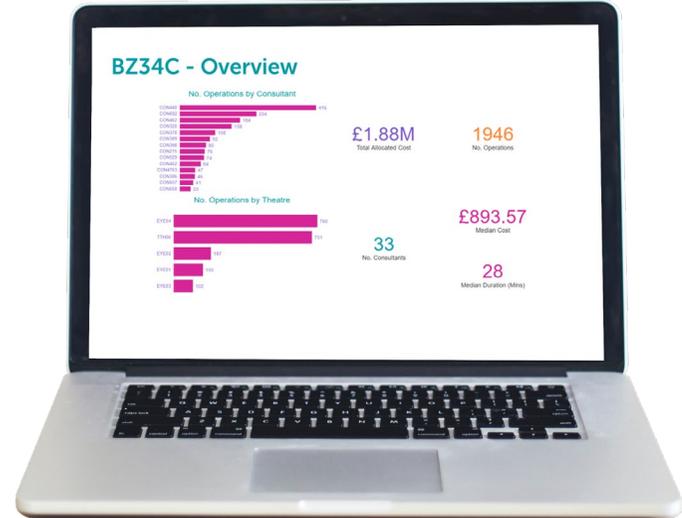
**£40m** of new insights  
identified by Aurum in  
our pilot with 6 NHS  
Trusts.



# Aurum dashboards



Opportunity Tree filtered down to show cost variation at consultant level for theatres opportunities in HRG subchapter BZ



HRG deep dive into BZ34C showing total activity and cost split by consultant



Overview of where greatest opportunity lies shown at different levels of analysis