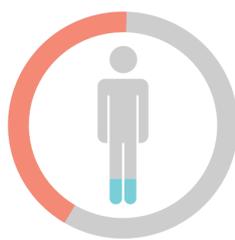


REDUCING CLINICAL VARIATION THROUGH ANALYTICS

42%

Of wasted healthcare spending in the United States is attributed to clinical variation.¹



Most variation at hospitals comes from less than one-fifth of physicians.¹

16%

A MASSIVE SOCIAL AND FINANCIAL COST



In the US, an estimated **\$265 billion** of healthcare spending is waste from clinical variation.²



In the UK, the National Health Service could save an estimated **£5 billion** a year (\$6.1 billion USD) by reducing clinical variation.³

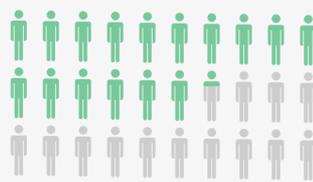


In Australia, avoidable costs in public hospitals total almost **\$1 billion AUD** a year (\$760 million USD), at a conservative estimate.⁴

Reducing clinical variation involves standardizing clinical guidelines, reducing unnecessary tests and procedures, and eliminating care gaps. **A robust data analytics program helps identify these areas of waste.**



Of US healthcare organizations using analytics are seeing clinical benefits, including improved patient care.



54% Are realizing improved financial reporting capabilities.⁵

ADVANCING POSITIVE GLOBAL OUTCOMES



A US health system used analytics to improve pneumonia outcomes.

The health system stratified pneumonia into clinically significant groups and increased collaboration between physicians, pharmacists, and nurses with trusted data.

RESULTS



21%

Reduction in pneumonia readmissions



36%

Decrease in mortality rate for pneumonia patients



4.5%

Decrease in patients' length of stay

A European hospital was able to decrease clinical variation in orthopedic procedures as part of their value-based care program.

The hospital used visual analytics to uncover significant variation in length of stay, and was able to identify and implement standardized best practices.



RESULTS



17%

Reduction in re-operations



50-day

Reduction in waiting times for patients



44%

Increase in number of surgeries the hospital was able to perform



15%

Reduction in cost of care



An Australian hospital noted that their average length of stay for pacemaker patients was 6.54 days, compared to 4.15 days for peer facilities.

The hospital performed a clinical variation review to identify and reduce this variation.



RESULTS



Increased dedicated operating room time to reduce patient wait time and length of stay.



\$100,000

Additional revenue for a single procedure.

Qlik Q | Healthcare

Want to learn more? See firsthand how the Children's Hospital of Pittsburgh of UPMC uses Qlik to identify and analyze clinical variation, and develop actionable insights—**watch the webinar now.**

For more customer stories, webinars and videos showing the impact Qlik is having in more than 2000 healthcare organizations around the world, visit healthcare.qlik.com

Source: ¹ "Clinical Variation Consulting." The Advisory Board Company. Accessed January 31, 2017. <http://www.advisory.com/consulting/clinical-variation-consulting>.
² Health Catalyst. "How to Reduce Clinical Variation and Improve Outcomes While Demonstrating a Positive ROI." Health Catalyst, 2016. <https://www.healthcatalyst.com/wp-content/uploads/2016/08/Reduce-Clinical-Variation-and-Improve-Outcomes-Demonstrating-Positive-ROI.pdf>
³ Bolton, David. "Addressing clinical variation across the NHS: Standardisation offers light at the end of the tunnel." Building Better Healthcare. http://www.buildingbetterhealthcare.co.uk/news/article_page/Addressing_clinical_variation_across_the_NHS_Standardisation_offers_light_at_the_end_of_the_tunnel/119893.
⁴ Duckett, Stephen and Peter Breadon. "Controlling costly care: a billion-dollar hospital opportunity." Grattan Institute. March 2014. <https://grattan.edu.au/wp-content/uploads/2014/03/806-costly-care.pdf>
⁵ According to a survey of 150 decision makers within US healthcare organizations. CDW Healthcare. "Analytics in Healthcare." 2015. http://www.cdwnewsroom.com/wp-content/uploads/2016/01/CDW_Healthcare-Analytics-PR-Report_FINAL.pdf