

iCompare Service Definition

Benchmarking and
Performance Intelligence

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Commercially sensitive information

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Key benefits of CHKS iCompare

Chief Executive

- At a glance assurance on patient safety, quality, effectiveness and efficiency
- Bespoke performance monitoring scorecards utilising key CQC indicators
- Alerts to areas of improvement and best practice

Director of Nursing

- Extensive patient safety and quality indicators available
- Configurable indicators to provide bespoke reporting and peer comparisons
- Bespoke scorecards effortlessly customised to see only the data you need
- Chief Operating Officer
- iCompare easily configurable to view indicators at all levels of your organisation
- View and compare disparate indicators from many sources in one scorecard
- Support from experienced, dedicated consultants to highlight areas of risk

Medical Director

- Ability to view all three risk adjusted mortality indicators (HSMR, RAMI, SHMI)
- Mortality Alerts module allows direct comparison between all three risk adjusted mortality indicators
- Appraisal and revalidation data module giving sub-specialty comparators
- Director of Informatics
- All data held within one portal
- Web-based system, with no additional software loaded on your systems
- Ability to use on all devices

Chief Finance Officer

- Ability to view data using multiple payment and reference cost grouper
- Ability to view and compare between efficiency and quality indicators
- A value for money solution that can be deployed throughout your organisation

Head of Information

- Local data feeds means your data is more up-to-date than a HES feed
- Easy to use, intuitive systems enable widespread engagement and utilisation
- Data analysis toolkit allows you to create bespoke powerful comparative reports to enable deep-dive analysis

CHKS iCompare benchmarking

Online performance monitoring and benchmarking

iCompare is the sophisticated and intuitive intelligence solution, with a simple user interface that will turn everyone into an expert analyst.

iCompare allows you to create your own scorecards or use/edit default score combined cards to form alerts around indicators relevant to you by specialty or key area such as patient safety, finance, quality, and assurance.

All indicators are then available to view in various graphical outputs including, trends, bar charts. We know that interpretation of data is the key to creating information to effectively drive change and performance improvement, which is then monitored and tracked by Trust users.

Key benefits:

- Helps you to provide assurance to stakeholders that efficiency is not achieved at the expense of quality and patient care
- Enables early detection of variations in performance and enables a swift response via targets and alerts functions
- Customisable scorecards to support Trust objectives
- Standard Key scorecards already configured; i.e. CQC indicators, Mortality, Patient Safety, Efficiency
- Converts robust data into actionable information that can be used to support decision-making
- Enables you to benchmark against other providers – both local and national – to help become best in class
- By providing patient level data and analysis, supports Trust improvement review

Key features:

- Easy to export to MS Excel, CSV, Word and PDF files for inclusion in Quality Accounts and CQC reports
- Automatically updated as new data is released – national data sets are scheduled; local data can be updated as frequently as weekly depending on trust preference.
- Various presentation options including, heat maps, charts and tables
- Help function on every page
- Alerts for all indicators within iCompare which highlight areas of performance that are statistically significant allowing the users to quickly identify areas to focus on for further investigation
- Bespoke reports track performance by priority indications, division, specialty and local peers
- Fast upload of Trust data that is ready to access in just a few days – no reliance on a national data feed
- Shows percentile position within your peer group.

CHKS Mortality Profiler

The only software that allows you to understand variances across SHMI, RAMI and HSMR.

This takes the most accurate and robust view of mortality available, enabling you to make more informed decisions to drive change and improvement. It helps you to quickly understand your 'true' mortality position at any time and highlights areas of concern for further investigation. Our programme includes an online tool, supported by CHKS consultancy to help you identify risks and opportunities and make improvements in safety and care quality.

Key benefits:

- Helps executive teams to quickly understand variation across SHMI, RAMI and HSMR
- Supports management and clinical teams to focus on forward planning and development rather than trying to understand the differences between methodologies
- Allows early detection of variations in performance/breaches, such as those raised by regulators and enables a swift response via alert functions
- Converts robust data into actionable insight that can be used to support decision-making. For example, identifies peaks in deaths and suggests which individual patient cases should be audited or reviewed
- Includes advice on any data quality measures that might be influencing mortality profiles
- Identifies potential concerns to the quality of care provided if issues relating to the collection, completeness and accuracy of data have been ruled out
- Assists patient safety auditing by allowing root cause analysis and problem solving at patient level.

Our consultants

- Dedicated consultant support helps you to select your peers and understand your data
- Using our consultants will help you understand and respond to the range of information on mortality
- We can attend your mortality meetings presenting analysis of your mortality indicators giving you insight and interpretation of the data.

CHKS Data Analysis Toolkit

Total flexibility in comparative analysis and reporting

We give you the ability to run bespoke queries against the whole database to inform one-off information requirements. And you can configure the module to automatically produce regular reports for strategic and operational decision-making. Your data and HES data is now at your fingertips in a intuitive analytical step by step process.

Data Analysis Toolkit (DAT) allows you to query your own data and the HES database. For example, you could write a query asking DAT to identify patients with a primary diagnosis of stroke (by diagnosis code) and a secondary diagnosis of aspiration pneumonia. To link this query to mortality you could identify which of these patients had subsequently died. This information will allow you to create a mortality rate. Additionally, DAT could be used to create a risk adjusted mortality score for this group and also look at the length of stay associated at patient level. This query could be run for your own data and also for any English trust that you wanted to compare against. The programme allows you to export patient ID so that patients can be identified for clinical audit.

Key benefits:

- Reporting tool that steps you through writing powerful queries on your own data and the comparisons with the whole of the HES data base

- Users have complete freedom to write totally bespoke queries

- Fast results: queries return data within seconds

- Data outputs into excel for easy manipulation into local reporting

- Extensive data available including HES APC data, outpatient data and SHMI / RAMI methodologies to enable patient level audit for deceased patients or the population in general

- There is the ability to query tariff and cost data over multiple years, using multiple payment and reference cost groupers

CHKS Market Intelligence Programme

Supporting marketing, business planning processes and the interface with commissioning for an acute trust.

We give you two views to enable you respond to changes in activity flows and ways to generate new demand or create new services.

- **My Commissioners** – enables you to track, examine and understand activity for your existing ICB / CCG and GP Practice commissioners. This supports the management of business risks and identification of opportunities within your existing markets.
- **My Market** – enables you to define markets, monitor performance indicators, and explore the opportunities within these wider areas. My Market also allows you to review and investigate the activities of other healthcare providers.

The programme is designed for service, divisional and business managers who need to track admission and referral patterns and understand the impact on services, activity and income.

Key benefits:

- Develop services by identifying opportunities to for new services or grow existing ones
- Measure the success of service improvement initiatives.
- Quickly detect risks to established activity or income
- Analyse competitor activity and understand the impact on your services
- Highlight risks to service improvement initiatives
- Identify commissioning trends to understand pressures in the healthcare system and support work to resolve them.
- See where GPs and CCGs are commissioning their services from and how this affects your organisation
- Take a total view of the local healthcare market and the needs of your key commissioners
- Generate supporting data that informs commissioner discussions.

Key Features

- Visualise key activity, income and market share information over time to help you easily understand your market position,
- Identify trends and highlight any changes that might need further investigation.
- Use CCG¹ maps showing all CCGs commissioning from your organisation to select your market
- CCG maps by provider showing activity, income and market share for all providers for a CCG
- GP practice maps by provider showing activity, income and market share for your GP commissioners.

¹ System updates will include Integrated Care Boards

Consultant Level Indicator Programme

Consultant Level Indicator Programme

The Clinician Level Indicator Programme (CLIP) is designed to support clinical performance, job planning and revalidation. Providing a unique evidence base for every trust consultant, CLIP provides the link between clinician appraisal and the Trust business processes, engages clinicians in understanding and using their information.

Product deliverables:

- CLIP provides a simple to use tool that can be managed locally that allows individual consultant level reports to be produced efficiently.
 - Uniquely compares consultants allocated to the same sub- specialism rather than specialties.
 - Generates individual consultant level reports that compare consultants locally and externally based on selected peers.
 - Uses the same data as iCompare so patient level details can be accessed.
 - Annual reports for every trust consultant.
 - Includes inpatient and outpatient activity.
 - Casemix adjusted data to ensure accurate local and national peer comparisons, benchmarking trends over the past five years.
 - A range of clear, graphical representations for easy interpretation.
- Clinicians can access their reports directly from CHKS's online systems and the data is fully integrated into iCompare to encourage clinician engagement in the wider CHKS portfolio.

CHKS Consultancy

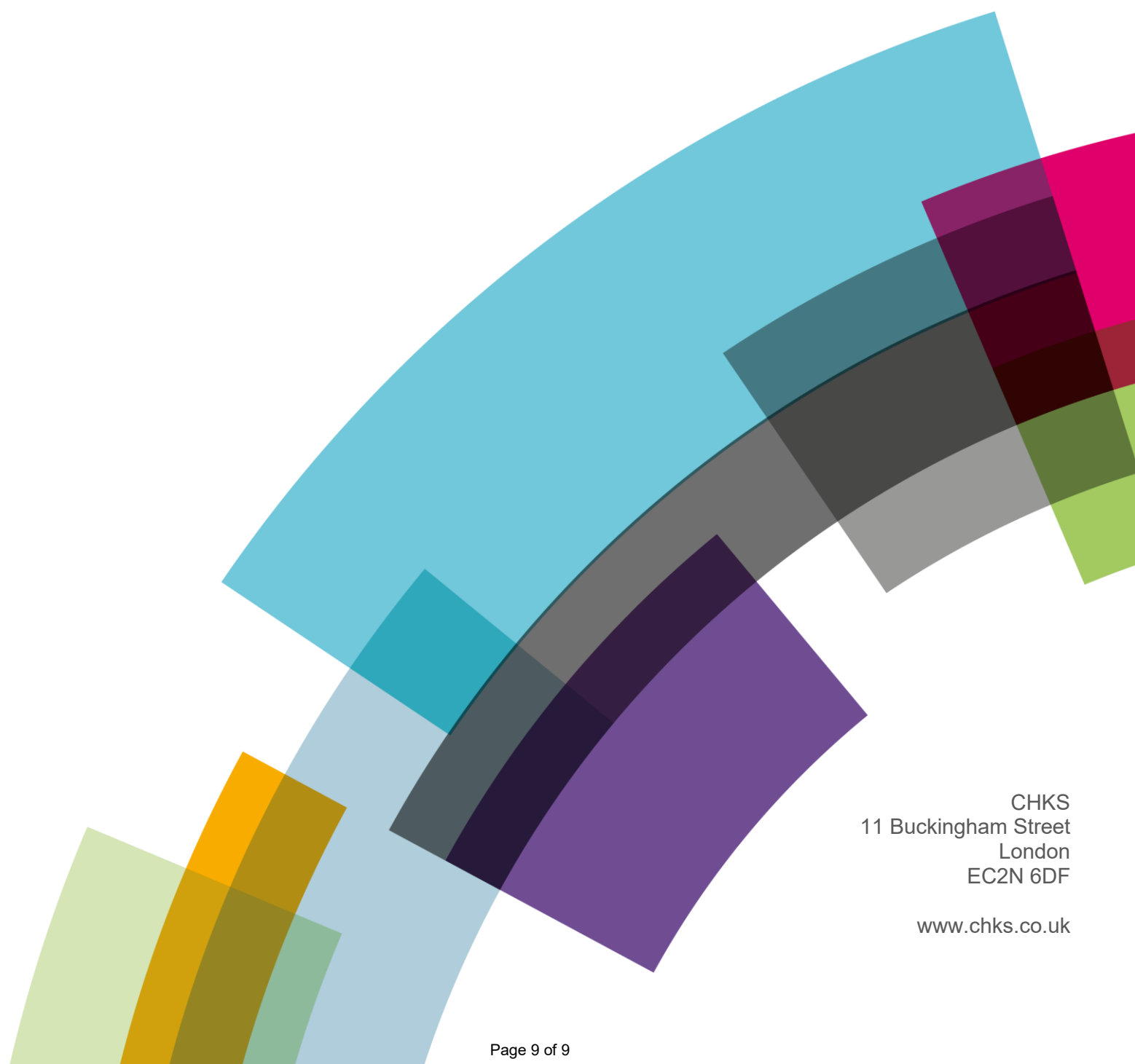
Your dedicated professional to support, advise and recommend actionable insights into your data.

All of our consultants have extensive NHS experience and are experts in supporting your organisation to quickly highlight areas for improvement or best practice.

Key benefits:

- A named dedicated professional who will work in partnership with your team to help you to focus your resource to improve your services efficiently and effectively
- Expert users of CHKS systems who are able to comprehensively train your team to quickly investigate issues
- Your consultant will facilitate your local steering groups to enable key users get the most from iCompare and associated work programmes
- Your consultant is able to attend committees and meetings to provide independent advice and support and share best practice from the wider NHS community
- Our consultants are experienced in working with all levels of organisations and supporting differing stakeholders appropriately
- A bespoke training package for new clients

CHKS, part of AdvT Group, is
a provider of **healthcare
intelligence and quality
improvement services.**



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