Congenica

Enabling genomic medicine

World-leading NGS Data Analysis

Provide life-changing answers automatically with the highest efficiency, accuracy & confidence

Congenica® the world's leading clinical decision support platform for complex genomic data, enabling rapid secondary and tertiary analysis of whole genome, whole exome and gene panel data at scale.

- **Reduce your workload, analysis times & costs**
- **Increase case throughput & diagnostic accuracy**
- **Improve outcomes for patients & families**
- **Comply with regulatory best practice**

> **"Congenica is outstanding! We can now achieve incredibly short turnaround times, which is of great benefit to our patients**

Dr Anne-Karin Kahlert
Institute of Immunology and Genetics, Germany

Increase Your Diagnostic Confidence

The CE Marked, ISO and HIPAA compliant clinical platform gives you the evidence and confidence to make definitive diagnostic decisions.

Perform the Most Efficient Analysis

Automated best-practice workflows maximize your case throughput, accelerate decision-making and frees up staff time to achieve more.
Automated interpretation of complex cases in just 5-minutes.

Achieve the Highest Diagnostic Yield

Getting you to the answers faster, even in hard to solve cases, delivering a consistent and significant increase in diagnostic yield.
30% higher avg. diagnostic yield than the competition*

* Based on results from over 25,000 heterogeneous, real-world clinical patients with complex rare diseases.

hello@congenica.com

congenica.com

Enabling world-class genomic medicine services

Congenica accelerates the analysis of genomic data into actionable information. This enables you to optimize case throughput and workflow efficiency to increase your diagnostic yield.

Our software helps build diagnostic confidence, providing a full, evidence-based solution from sequenced data through to clinically actionable reports with an audit trail.

Congenica is used globally by clinicians and clinical scientists in centers of excellence such as the New York State Institute for Basic Research, Fudan Children's Hospital and as part of the Genomics England national 100,000 Genomes Project.

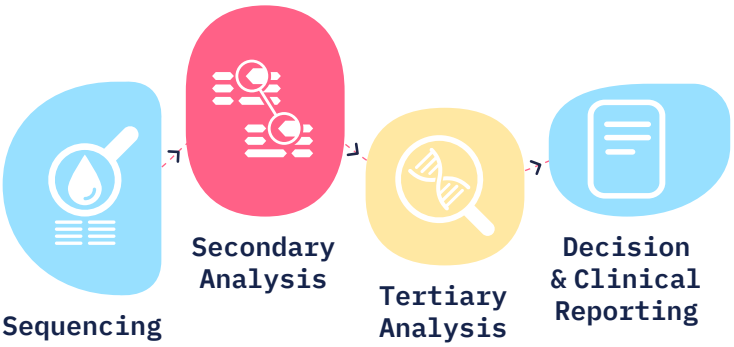
In addition, Congenica is the exclusive clinical decision support solution for the groundbreaking UK NHS Genomic Medicine Service.

> "We have utilized Congenica to implement a new, innovative genetics service in the NHS, which has significantly improved the services we provide to patients. We cannot recommend Congenica highly enough.

Dr Sahar Mansour
Professor in Clinical Genetics, St George's Hospital NHS

End-to-end solution from sample to report

Congenica can provide integrated solutions for sequencing, secondary analysis, tertiary analysis, and clinical interpretation and reporting, enabling you to provide gold-standard clinical genomics, faster and more efficiently than ever.



Customers include

NHS · SANFORD HEALTH · UCONN HEALTH · Veritas EUROPE/LATAM The Genome Company · ucb · NEW YORK GENOME CENTER · CHILDREN'S HOSPITAL OF FUDAN UNIVERSITY 1952

hello@congenica.com

congenica.com

Clinical decision support platform

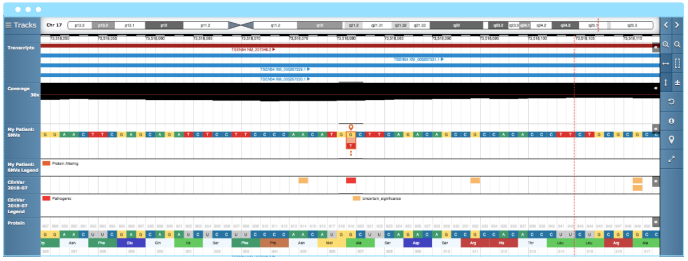
Analyze, Interpret and Report NGS data automatically

Proven, scalable and secure
The platform is proven to perform with high volumes of data, allowing fast, high quality interpretation at scale.

Any way you want it Congenica puts you in control. Select your preferred reference genome, GRCh37/38, and choose between on-premise or cloud-hosted deployment and data storage.

Efficient pipeline automation
Congenica automates variant calling, alignment and prioritization pipelines to enable faster data processing from sequencer to report.

Call and interpret CNVs, SNVs and Indels in one place Complete calling and analysis of CNVs, SNVs and Indels in Congenica's intuitive and streamlined workflow, making you more productive and reducing time to diagnosis.



Integrated Genome Browser

Best-in-class variant prioritization
Congenica combines leading analysis tools with automated statistical analysis and machine learning technologies. Instantly identify high priority variants in relation to a patient's phenotype to accelerate diagnosis.

Integrated Genome Browser and pedigree generation
Contextualize your findings with Congenica's Integrated Genome Browser and multi-level pedigree generation. Analyze multiple data sources with ease in the interactive browser and explore entire family structures, with phenotype information, to improve understanding of cases and simplify the interpretation process.

Dynamic variant filtering
The comprehensive suite of dynamic filters and prioritization tools quickly focuses each analysis on the most relevant variants. Pre-set filters accelerate clinical reviews to improve speed to diagnosis.

Reference data sources & Auto-ACMG classification
Congenica integrates multiple reference data sources to focus on a smaller number of candidate variants for a greater opportunity to make a diagnosis. The software enables easy variant classification and aligns your work with internationally recognized gold-standards.

Extensive knowledgebase and supporting literature
View data relating to cases with matching variants and complete thorough investigations more efficiently with key evidence from past cases giving greater confidence and accelerating diagnostic decisions.

High quality gene coverage
Congenica calculates and displays gene-level coverage data. Genes falling below quality thresholds show coordinates of 'low coverage' regions for review to improve laboratory efficiency and minimize the risk of false-negative results.

Fast, flexible reporting
Configurable electronic reports ensure you get actionable results and the information you need as quickly as possible to fit with the care pathway.

Congenica is available as a CE Marked IVD clinical decision support platform for clinical diagnostic use for inherited genetic disorders in the UK and EU, Iceland, Lichtenstein, Norway, Switzerland and Turkey. In all other countries, ensuring compliance with relevant local, national and international clinical laboratory regulations is the responsibility of the laboratory.

hello@congenica.com

congenica.com

Congenica

Enabling genomic medicine

Could you be providing life-changing answers to more patients faster?

Increase your confidence, efficiency and diagnostic yield even in the most difficult-to-solve cases.

Congenica's industry-leading platform enables you to make accurate clinical decisions and provide definitive diagnoses faster and with greater confidence.

> **"Congenica is an absolute game changer, enabling us to be certain about our diagnoses**

Dr Tessa Homfray,
Consultant in Medical Genetics

Get in touch
Discover how to increase your diagnostic confidence, yield and workflow efficiency with the world's leading clinical decision support platform.

www.congenica.com
hello@congenica.com
@congenica

Book a demo
Take a demo, work through a live case and start using Congenica.
Get started at **www.congenica.com/demo**