

Amplifying the Pioneers of Precision Diagnostics

A Strategic Partnership to Translate World-Class Genomic Data
into Actionable Clinical Narratives.

November 2025

A Shared Foundation: Pioneering Answers Beyond the Genome

Baylor Genetics is the undisputed leader in precision diagnostics. Your history of innovation and the expertise of your team—complemented by the world-class researchers at Baylor College of Medicine—have set the industry standard.



World-Class Expertise

Citing publications in JAMA, Science, and Nature.



Comprehensive Diagnostics

Highlighting offerings like Whole Genome Sequencing (WGS) and Whole Exome Sequencing (WES).



Seamless Integration

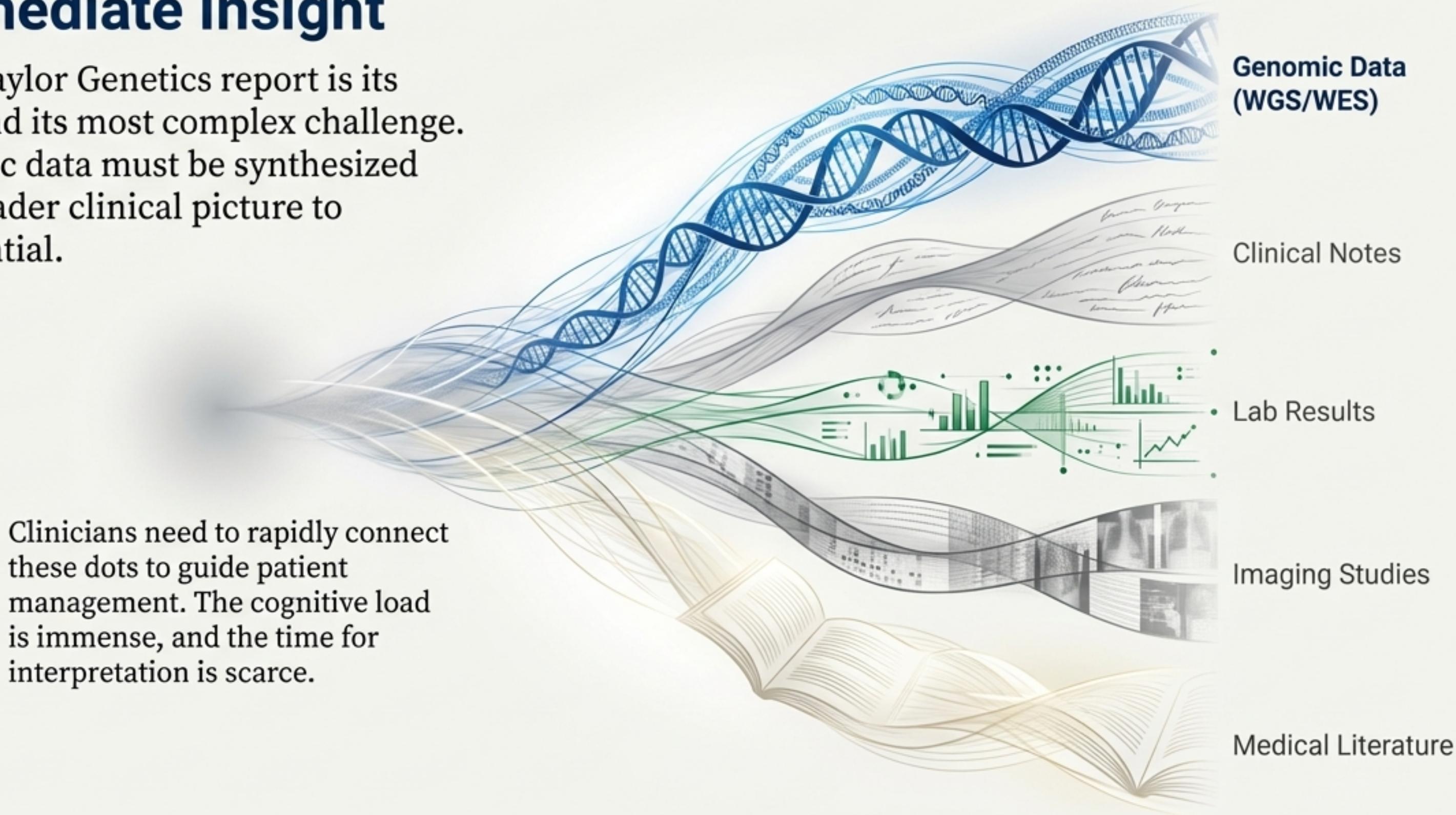
Referencing the industry-first delivery of WGS results through Epic Aura.

You generate the most powerful signals in genetic medicine. The next frontier is amplifying their clarity for every clinician.

The Opportunity: From Unparalleled Data to Immediate Insight

The richness of a Baylor Genetics report is its greatest strength and its most complex challenge. World-class genomic data must be synthesized with a patient's broader clinical picture to unlock its full potential.

Clinicians need to rapidly connect these dots to guide patient management. The cognitive load is immense, and the time for interpretation is scarce.



HealthWeave: The AI-Powered Synthesis Engine

HealthWeave is an AI-powered health data synthesis platform designed to transform fragmented health data into a coherent clinical narrative.

Genomic Data
(WGS/WES)

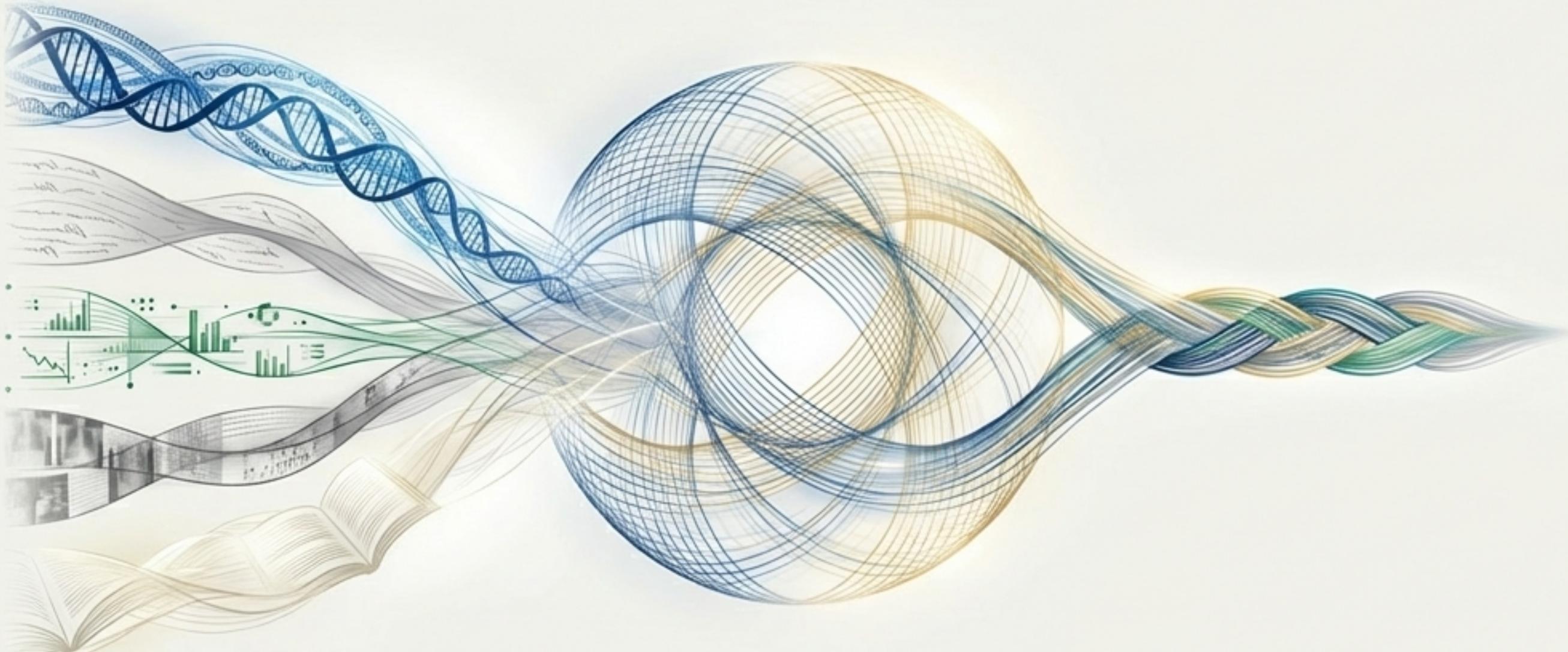
Clinical Notes

Lab Results

Medical Studies

Medical Literature

Actionable
Clinical
Narrative



Our mission is to provide healthcare providers with tools that synthesize complex medical information into clear, actionable insights, enabling faster, more comprehensive care.

How HealthWeave Creates Actionable Intelligence



1

Multi-Modal Data Ingestion

HealthWeave securely accepts diverse inputs, including Baylor's genomic reports, EMR data, and other medical documents.



AWS Bedrock

2

AI-Powered Synthesis

Using AWS Bedrock (Claude), the platform correlates findings across all documents, cross-referencing against the latest medical guidelines and literature.



3

Clinical Insight Generation

The engine produces a doctor-ready summary highlighting key findings, potential diagnoses, and evidence-based recommendations.

The Challenge in Practice: A Standard Genomic Report

- High data density requires specialist interpretation.
 - Key findings are embedded within extensive raw data.
 - Synthesizing with other patient data is a manual, time-consuming process for the clinician.

Verdens Oljekonsern
Hver eneste dag har vi et stort antall kunder i verden som er medlem av Oljekonsernet. Det er viktig for oss å holde kontakten til alle kundene vår og ikke bare til de store olje- og gassproduksjonene. Dette gjør at vi kan tilby dem en rekke forskjellige produkter og tjenester som passer til deres behov. Vi har også et godt nettverk av leverandører og partnere over hele verden som hjelper oss med å få tilgang til råvarene vi trenger.

The outcome of our research is that the following recommendations can be made:
1. The government should take steps to increase the number of qualified teachers in primary schools.
2. The government should provide more resources for primary schools.
3. The government should encourage parents to send their children to primary schools.
4. The government should improve the quality of education in primary schools.

Focus offices classification

The classification of focus offices is determined by the following characteristics:
- the number of employees and/or turnover;
- the nature of the business;
- the geographical area covered by the office;
- the nature of the products or services provided by the office.

not observe the other's behavior and react to it. This can lead to a lack of communication and understanding between team members, which can negatively impact the team's performance.

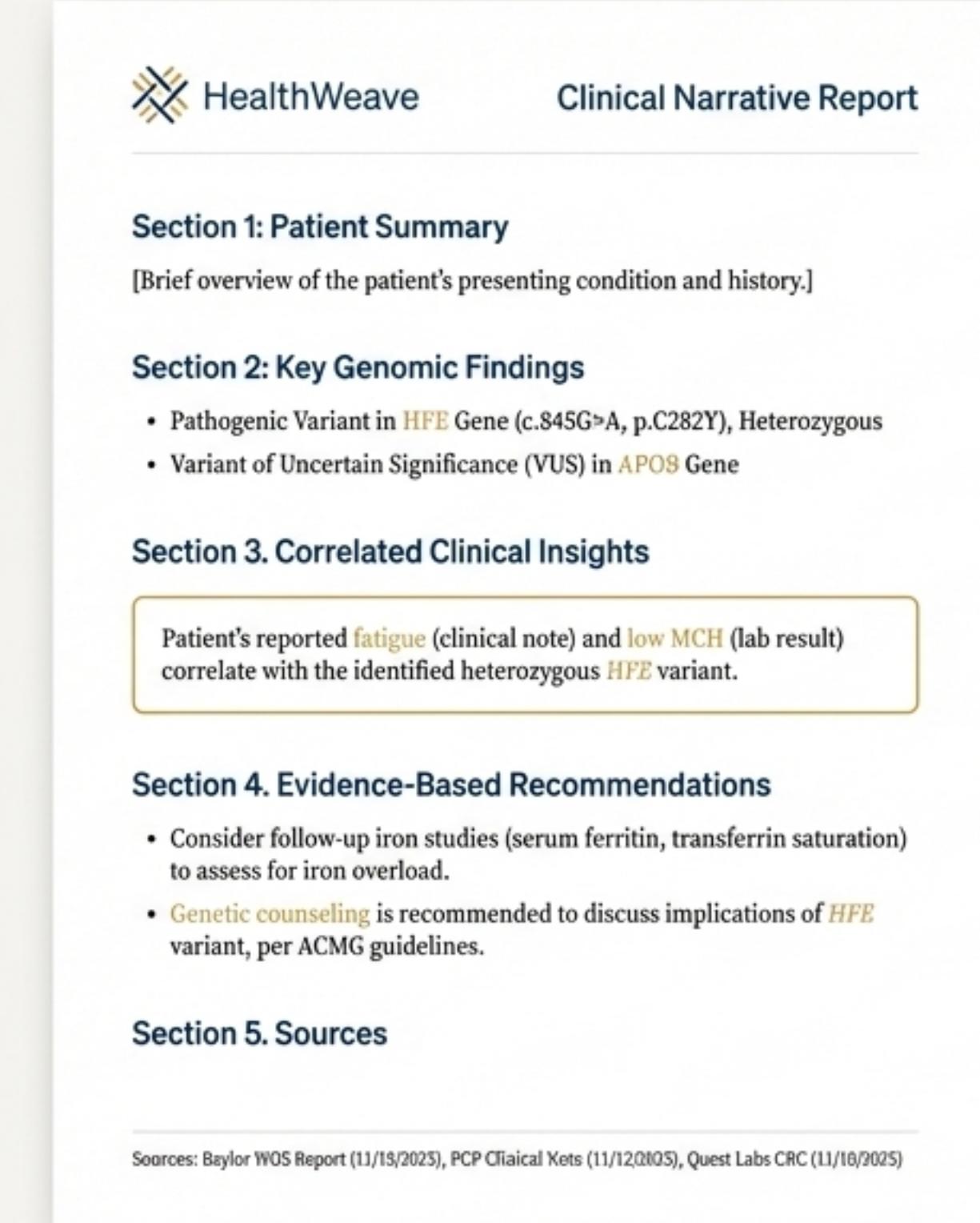
Vertical classification
The notion of *verticality* of a system is often used to denote the extent to which a system is organized hierarchically. In other words, verticality is concerned with the degree to which a system is divided into levels or layers. A system with high verticality has many levels, while a system with low verticality has few levels. Verticality is often contrasted with horizontality, which refers to the extent to which a system is organized horizontally.

Geo	Vertort ID	Geotopo	Intersection
EF1	EF-000001	EF0	INTERSECTION POINT OF E1 AND F1
EF2	EF-000002	EF0	INTERSECTION POINT OF E1 AND F2
EF3	EF-000003	EF0	INTERSECTION POINT OF E1 AND F3
EF4	EF-000004	EF0	INTERSECTION POINT OF E1 AND F4
EF5	EF-000005	EF0	INTERSECTION POINT OF E1 AND F5
EF6	EF-000006	EF0	INTERSECTION POINT OF E1 AND F6
EF7	EF-000007	EF0	INTERSECTION POINT OF E1 AND F7
EF8	EF-000008	EF0	INTERSECTION POINT OF E1 AND F8
EF9	EF-000009	EF0	INTERSECTION POINT OF E1 AND F9
EF10	EF-000010	EF0	INTERSECTION POINT OF E1 AND F10

SEARCHER	DC	SEARCHER'S LEAD PREDICTION	PREDICTED SEARCHER'S LEAD
est (etc) for classification	DC	Classification	Classification

Wetting	Grado	Interpretación
MICROSC	Rg	Epitelio simple cuboideo con numerosas células perivasculares y espacios intercelulares.
MICROSC	AlC	Epitelio simple cuboideo con numerosas células perivasculares y espacios intercelulares.
MICROSC	DE	Epitelio simple cuboideo con numerosas células perivasculares y espacios intercelulares.
MICROSC	AC	Epitelio simple cuboideo con numerosas células perivasculares y espacios intercelulares.
MICROSC	NC	Epitelio simple cuboideo con numerosas células perivasculares y espacios intercelulares.

The HealthWeave Result: A Synthesized Clinical Narrative



The image shows a screenshot of a "Clinical Narrative Report" from HealthWeave. The report is structured into several sections: "Section 1: Patient Summary", "Section 2: Key Genomic Findings", "Section 3. Correlated Clinical Insights", "Section 4. Evidence-Based Recommendations", and "Section 5. Sources". A callout box highlights a correlation between fatigue and low MCH levels and the identified HFE variant. The report also includes a note about follow-up iron studies and genetic counseling. At the bottom, it lists sources from Baylor WOS Report, PCP Clinical Kits, and Quest Labs CRC.

HealthWeave Clinical Narrative Report

Section 1: Patient Summary
[Brief overview of the patient's presenting condition and history.]

Section 2: Key Genomic Findings

- Pathogenic Variant in **HFE** Gene (c.845G>A, p.C282Y), Heterozygous
- Variant of Uncertain Significance (VUS) in **APOE** Gene

Section 3. Correlated Clinical Insights

Patient's reported **fatigue** (clinical note) and **low MCH** (lab result) correlate with the identified heterozygous **HFE** variant.

Section 4. Evidence-Based Recommendations

- Consider follow-up iron studies (serum ferritin, transferrin saturation) to assess for iron overload.
- Genetic counseling** is recommended to discuss implications of **HFE** variant, per ACMG guidelines.

Section 5. Sources

Sources: Baylor WOS Report (11/15/2025), PCP Clinical Kits (11/12/2025), Quest Labs CRC (11/16/2025)

Enterprise-Grade Architecture: Built for Trust, Security, and Compliance



HIPAA-Compliant by Design

Core architecture built to meet and exceed HIPAA standards, featuring end-to-end encryption and comprehensive audit logging.



Secure AI via AWS Bedrock

Leverages Claude via AWS Bedrock, ensuring a HIPAA-eligible service covered by a Business Associate Addendum (BAA).



Zero Data Retention

Your sensitive data is processed to generate insights without being retained or used for training by the AI provider.



Scalable & Robust Infrastructure

Built on a modern AWS stack (Lambda, S3, DynamoDB) for reliable, high-performance processing.

A True Strategic Synergy

Baylor Genetics' Unmatched Strengths

- World-leading genomic sequencing and analysis.
- Deep bench of PhDs, medical geneticists, and counselors.
- Established trust and integration with top health systems.

HealthWeave's Unique Capabilities

- AI-powered synthesis of multi-modal health data.
- Rapid generation of clinician-centric, actionable reports.
- Secure, scalable, HIPAA-compliant cloud platform.

The Partnership Advantage

- The market's **most intelligent and actionable diagnostic report**.
- Deeper integration into clinical workflows, increasing test utility and stickiness.
- A new standard for **precision medicine**.

Amplifying Value Across the Diagnostic Lifecycle



For Baylor's Provider Clients

Faster Time-to-Insight: Reduce report interpretation time from hours to minutes.

Increased Diagnostic Confidence: Evidence-based recommendations improve decision-making.

Improved Care Coordination: Shareable, clear reports facilitate communication between specialists.



For Baylor Genetics' Business

Enhanced Product Value: Differentiate Baylor's premium tests (WGS/WES) with an **unmatched** interpretation layer.

Strengthened Market Leadership: Move beyond data generation to become an indispensable clinical insights partner.

New Revenue Opportunities: Create a new premium tier for AI-synthesized reporting.

Our Vision for a Joint Future



Horizon 1: Seamless Integration

Embed HealthWeave synthesis directly into the Baylor Genetics Ordering Portal and Epic Aura workflow, making it a one-click option for clinicians.

Horizon 2: Co-Developed Insights

Collaborate with Baylor's geneticists to co-develop specialized AI prompts and interpretation modules for rare diseases and pharmacogenomics.

Horizon 3: The New Standard of Care

Jointly publish on the clinical utility and improved outcomes, establishing the Baylor-HealthWeave synthesized report as the new gold standard in precision diagnostics.

The Path Forward

- 1. Strategic Deep Dive (2 Weeks)**
A collaborative workshop with key clinical, technical, and business stakeholders from both teams to validate the clinical and technical approach.
- 2. Proof-of-Value Pilot (4 Weeks)**
Process a mutually agreed-upon cohort of de-identified Baylor WGS/WES reports through the HealthWeave platform to demonstrate the quality and utility of the synthesized outputs.
- 3. Partnership Framework (Ongoing)**
Concurrently define the parameters of a strategic partnership, including integration roadmap, go-to-market strategy, and commercial model.

HealthWeave

**Let's build the future of
precision diagnostics.
Together.**

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