

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

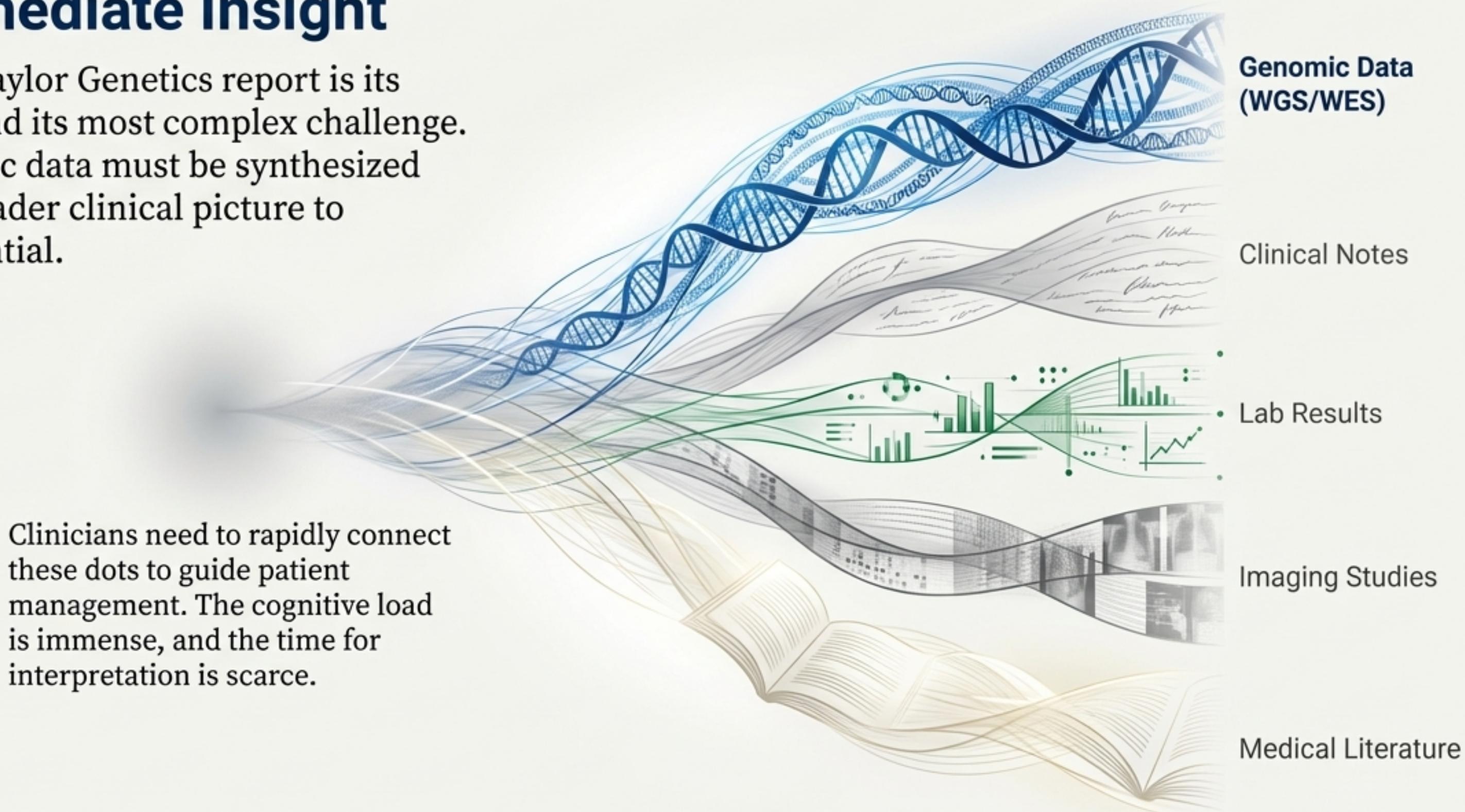
Referencing the industry-first delivery of WGS results through Epic Aura.

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.



2

AI-Powered Synthesis

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

AWS Bedrock



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 Oljekonferanse
 Den internasjonale konferansen om olje og gass ble etablert i 1960 av Norges olje- og gassforening. Denne konferansen er en årlig samling kring olje- og gassmarkedet, teknologi, miljø og forskning. Konferansen omfatter et utstillingssenter med over 100 utstillere fra både olje- og gassindustrien, forskningsinstitusjoner og universiteter. Det er også et stort program med foredrag, paneldebatter og presentasjoner.

The outcome of our research has been that the most effective way to increase the effectiveness of the training is to provide the participants with feedback on their performance. This feedback can be provided by the instructor or by the participants themselves. The feedback should be specific and timely, so that the participants can make changes to their behavior based on the feedback. The feedback should also be positive, so that the participants feel good about themselves and their performance.

Gene	Vertom ID	Genotype	Description
PDE	REDB0162	61	Базисная форма синтеза кетогенов
ENO1	RECOM007	03	Базисная форма синтеза кетогенов
TPK3	REICB007	06	Базисная форма синтеза кетогенов
LCEA	RELEP007	9E	Базисная форма синтеза кетогенов
LOLA	REELB007	C	Нарушение метаболизма кетогенов
LCK3	—	—	Нарушение метаболизма кетогенов

Focus offices classification

The classification of focus offices is determined by the following factors:
- geographical location of the office;
- size of the office;
- nature of the business handled by the office;
- nature of the products or services offered by the office;
- nature of the clients served by the office;
- nature of the contracts entered into by the office;
- nature of the relationships between the office and its clients;
- nature of the office's role in the company's overall strategy.

not observe the following points:
1. The teacher should not be too strict or severe.
2. The teacher should not be too lenient.
3. The teacher should not be too hard on the students.
4. The teacher should not be too soft on the students.
5. The teacher should not be too strict or severe.
6. The teacher should not be too lenient.
7. The teacher should not be too hard on the students.
8. The teacher should not be too soft on the students.
9. The teacher should not be too strict or severe.
10. The teacher should not be too lenient.

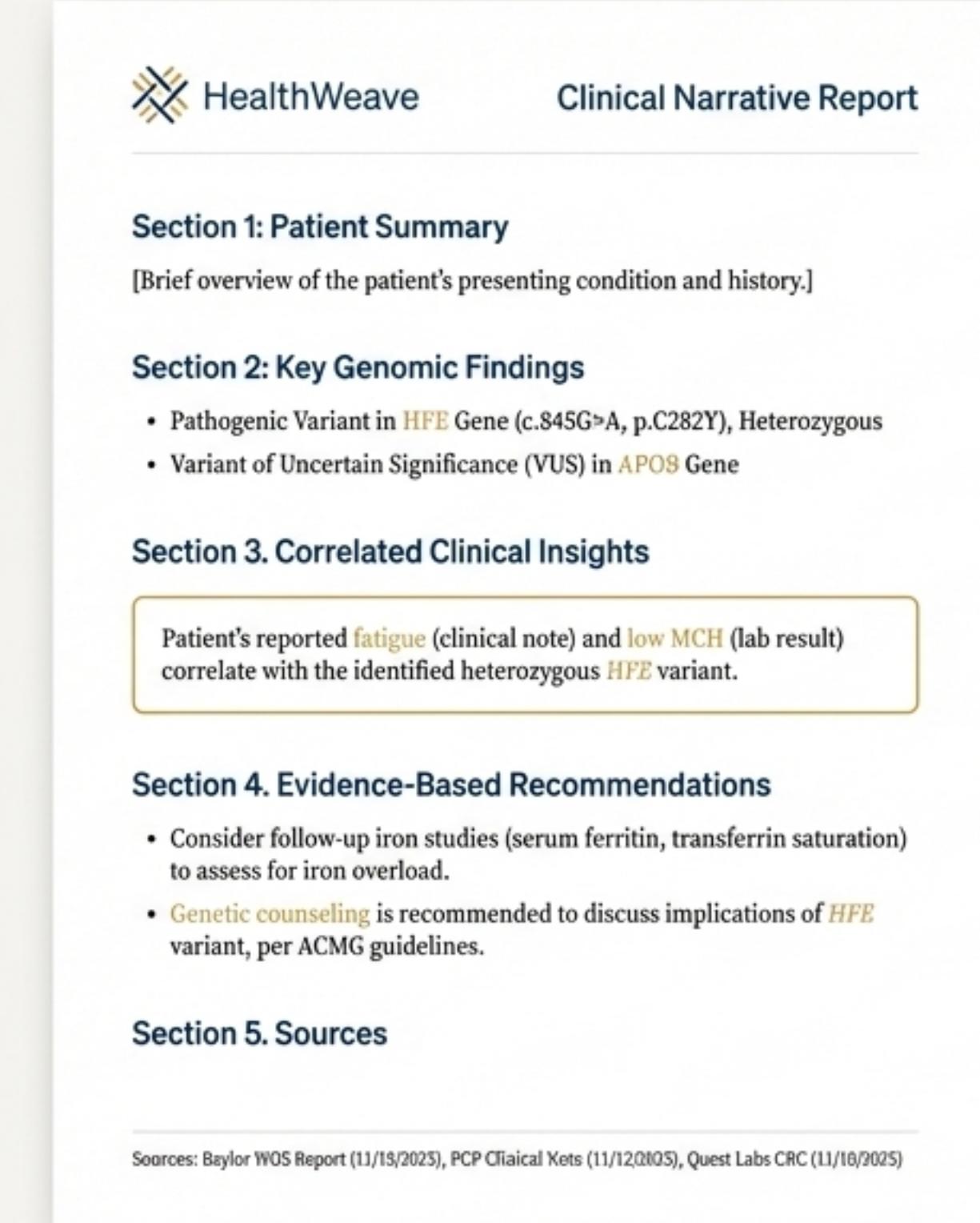
Vertical Classification
The notion of *vertical classification* has been introduced by the author in his previous work (see [1]). The main idea is that the vertical classification of a system of objects is based on the fact that the objects of the system have different properties. The vertical classification of a system of objects is based on the fact that the objects of the system have different properties. The vertical classification of a system of objects is based on the fact that the objects of the system have different properties.

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

Best classification	BC	Classification by the author
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Test Characteristics		Interpretation	
	Marker	Criteria	Interpretation
	MARKER	Ref	Normal reference range
	MARKER	Alt	Abnormal reference range
	MARKER	NC	No change
	MARKER	NC	No change
	MARKER	NC	No change

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". Each section contains specific clinical information and recommendations. A callout box highlights a correlation between fatigue and low MCH levels and the identified HFE variant. The report also includes a note about 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.**