


The Diagnostic Center

International Collaboration Opportunities

Agenda

- The misdiagnosis problem
- Our role in shortening the diagnostic journey
- How we are **co-creating with outside companies** to achieve shared goals (Qualified, Bunkerhill, Pieces)
- **UTMB's broader goals in co-development**

Burden of serious harms from diagnostic error in the USA

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***Preventable Deaths >
300,000 annually from 5 diseases***

“Across clinical settings (ambulatory clinics, emergency department and inpatient), we estimate that nearly **800,000 Americans die or are permanently disabled*** by **diagnostic error each year**, making it the single largest source of serious harms from medical mistakes.”

-Johns Hopkins Researchers

***371,000 total deaths and
424,000 total disabilities**

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Why is getting a diagnosis hard?

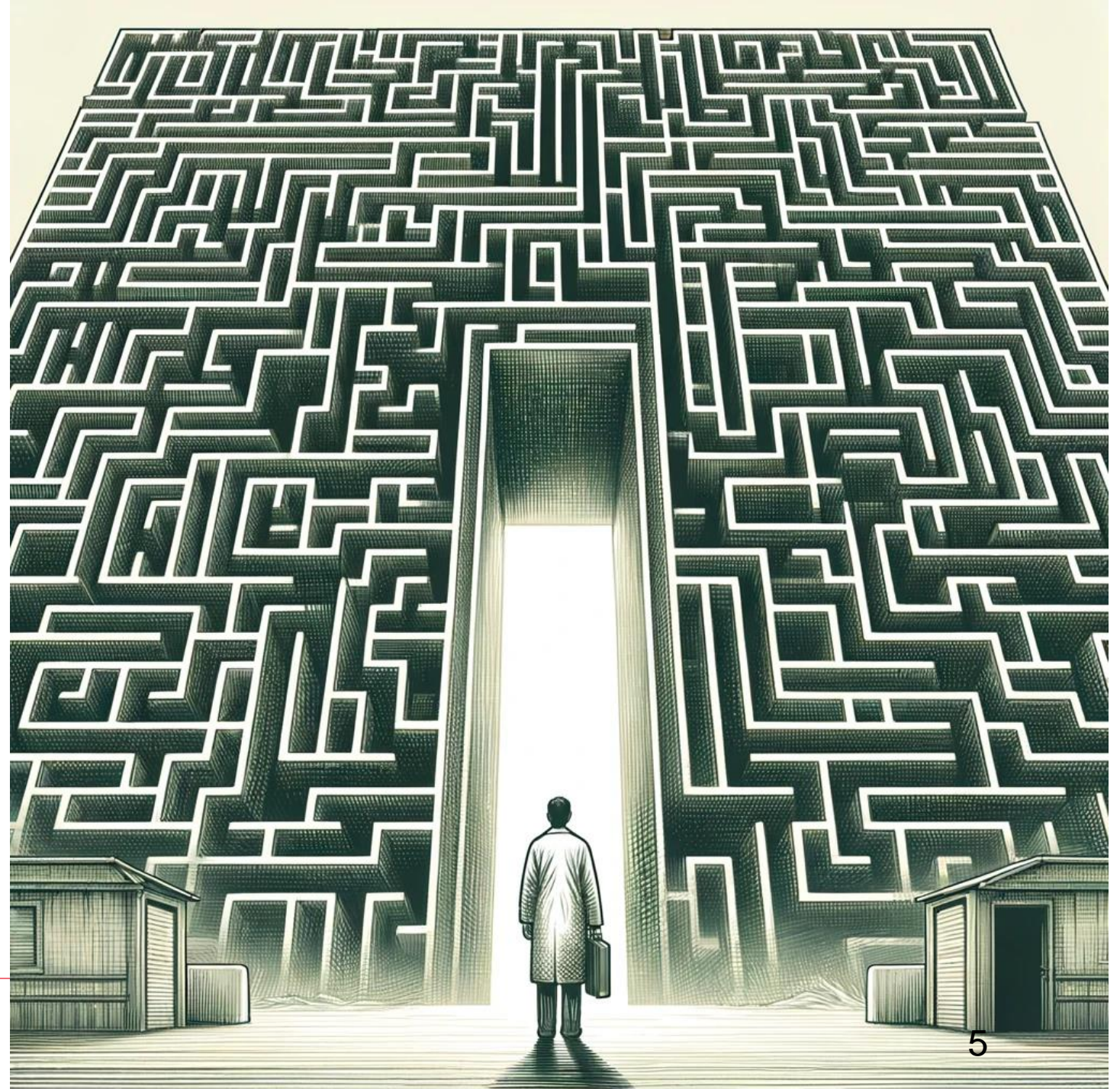
There are ~10,000 diagnostic laboratory tests to choose from and ~10,000 diseases

14 BILLION tests are ordered every year in the US.

Test guidelines/interpretations change constantly, and the results are not specific to YOU.

The Diagnosis Maze

- Ordering the right non-routine test
- Accurately interpreting results for the patient's **current state**
- Ordering the right next test, if needed

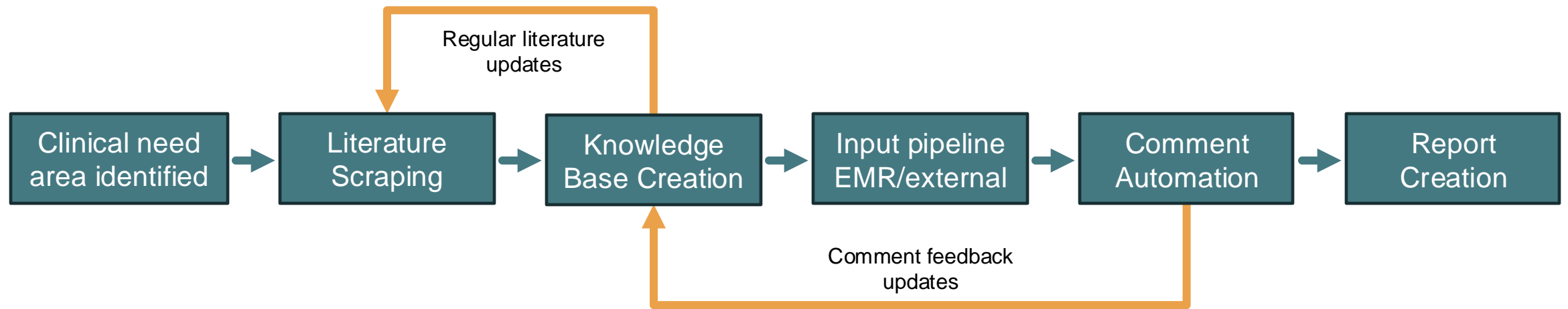


The Diagnostic Center

- Up-to-date interpretation
- Patient-specific
- Automated for fast delivery
- Actionable next step recommendations



Diagnostic Management Tool (DMT) Creation Map



An expert is in the loop for approvals at **every step.**

Arrow Color Legend

Clinical Production Workflow →

Clinical Update Workflow →

Co-Development Opportunities

- Retool
- Qualified Health
- Bunkerhill
- **UTMB AI Intake Team & AI Council**

To improve care coordination and flow, we actively partner with companies to co-develop solutions.

By building a bridge with ABHI, we can tap into **supporting other growing companies with our expertise** and develop relationships with the **UK NHS**





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