



AI-powered search for healthcare



Empower every clinician to do
their best work and provide better
patient care

WE BELIEVE

Healthcare is a
knowledge industry...

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Healthcare is a
knowledge industry...

73 days

Doubling Time

600+ hours

To keep up with
evidence per month

**It is no longer possible to keep up to date
with everything.**

So what do we do?

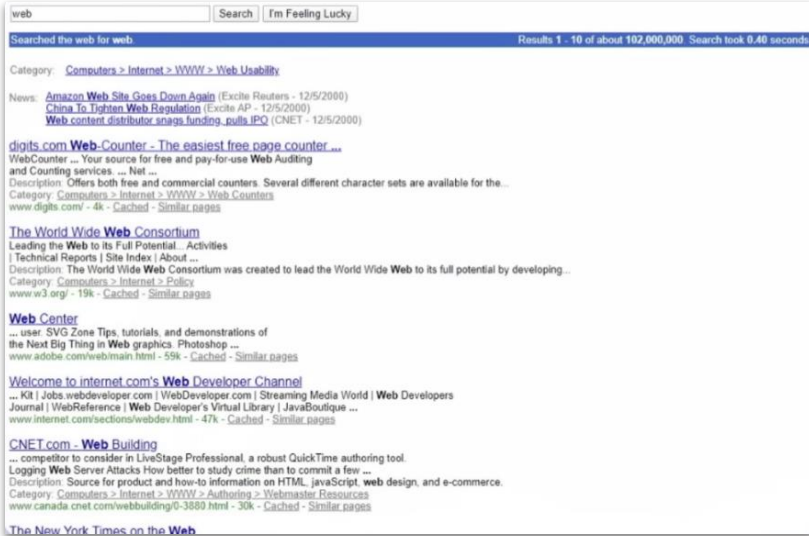
Google



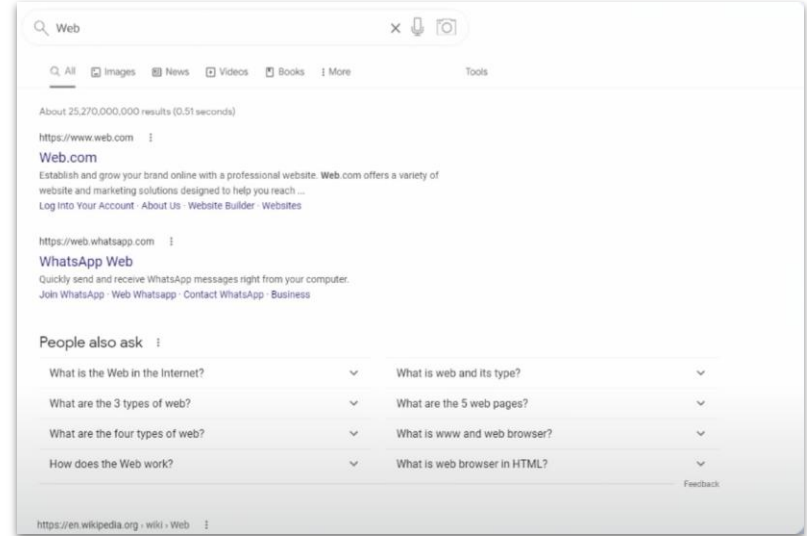
Google Search

I'm Feeling Lucky

>70% of doctors use Google search at least once a day for patient care.



Search 20 years ago



Search today



“There are 10 billion search queries a day, but we estimate half of them go unanswered.”

Clinical Questions Raised by Clinicians at the Point of Care

A Systematic Review

Guilherme Del Fiol, MD, PhD; T. Elizabeth Workman, PhD, MLIS; Paul N. Gorman, MD



Conclusions

This systematic review estimates that the per-patient frequency of questions raised by clinicians ranges from 0.4 and 0.8 and that roughly two-thirds of these questions are left unanswered. This picture has been fairly stable over time despite the broad availability of online evidence resources that can answer these questions. Unanswered questions are missed opportunities for timely learning and practice

Local knowledge: guidance, policy and protocols are scattered across multiple silos

Local websites and intranets



Local hosting



Ask a colleague



Email updates



Print-outs



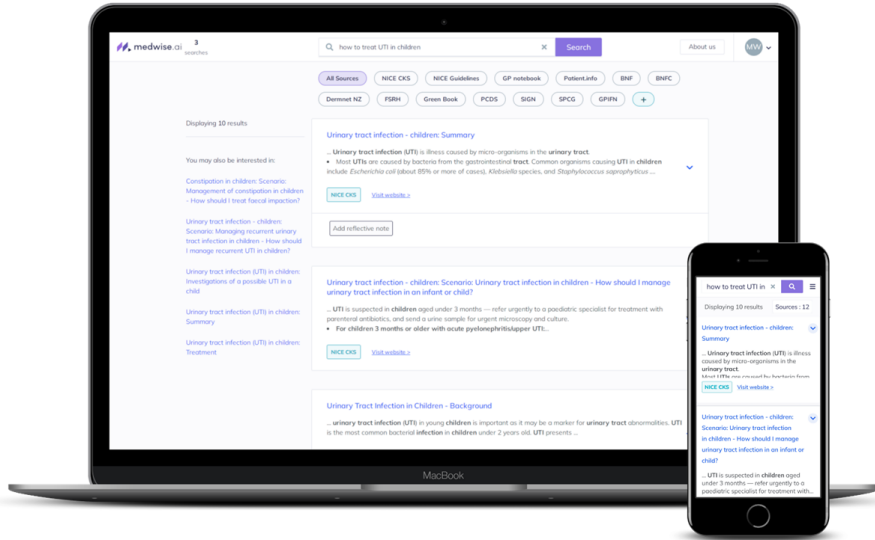
Clinicians not finding answers to their questions means delays for patients to get **best practice care**.

**Unwarranted variation in care
Costs the NHS**

£5 Billion
per year



Medwise.ai is the AI-powered search platform designed for clinicians, customisable by healthcare organisations



- ✓ Integrates with local content
- ✓ Trusted professional web content only
- ✓ Improve pathway implementation

In 2 ICSs and 1 acute hospital



Crown
Commercial
Service
Supplier

Digital Outcomes 6

G-cloud 13

Medwise.ai outcomes

~2.6 min

saved per search

>10 min

saved every session

5,000+

users

90%

would recommend
to colleagues

Come visit our stand to try our product and have a chat!





medwise.ai

AI-powered search for healthcare

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Navigational

“Hypertension cks”



Informational

“What local services are available for my patient?”/ “What is my hospital’s guidance on treating hyponatremia?”)



Complex

“In this patient with multiple co-morbidity and polypharmacy developing side effect X, what should I do next?”



Our search platform addresses the limitations and challenges of generative large language models

Large language models such as ChatGPT, MedPaLM etc. are limited in terms of

- ★ **Factuality** 15-20% of information generated is factually incorrect
- ★ **Traceability** The source of the information cannot be determined
- ★ **Currentness** LLMs don't have access to the latest information, output is based on historical data
- ★ **Diversity** Models such as MedPaLM have only been trained and evaluated by a small pool of clinicians

These limitations* mean that LLMs cannot be safely deployed in healthcare settings where wrong decisions could result in patient harm.

Medwise AI solves these challenges through

- ★ Direct access to information sources, including local documents used daily by clinicians to make decisions
- ★ Access to up-to-date content from web and local organisations
- ★ Access to a diverse set of real-world queries made by clinicians

We believe large language models will be commoditised similar to cloud services. Our long-term defensibility lies in integration with end user workflows and ownership of unique in-domain and specific data sets.