

IBM Micromedex: Clinical knowledge with the power of Watson

Highlights:

- Accelerate access to evidence- based information
- Ask questions naturally, the way clinicians ask clinicians
- Deliver quick clinical responses, supporting faster patient care
- Optional access from within the EHR

The driving need for artificial intelligence in healthcare

Healthcare has come a long way in the past decade, in part due to the health demands of the aging baby boomer generation,¹ but also because technology and advanced research methodologies have uncovered new insights into diseases and conditions and their treatments.

As medical literature expands, clinicians' responsibility to stay on top of the most recent information is imperative — and nearly impossible:

- Doctors would have to spend approximately 29 hours each workday to keep up with new professional insights²
- 45 percent of medicine is not evidence based³

That's why IBM® Watson Health™ is applying artificial intelligence (AI) to help change how we approach and understand clinical information. For more than 40 years, healthcare professionals around the world have relied on the evidence-based content of IBM Micromedex® to help support clinical decisions critical to the safety of their patients. Now, IBM Micromedex with Watson™ incorporates AI-powered Watson Assistant into its medication management content to transform how you find answers and help you accelerate your decisions.

Your work demands more.

Put the power of AI to work for you.
Discover IBM Micromedex with Watson –
trained by clinicians and refined by you.

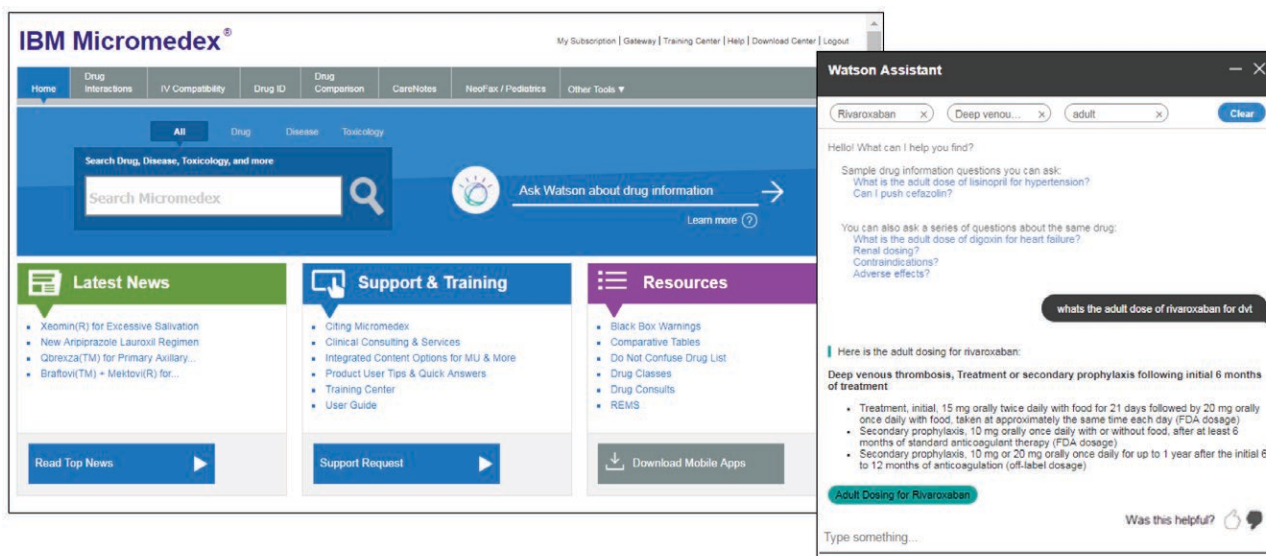
How does it work?

Tap into the AI-powered search technology directly from Micromedex by activating the conversational search assistant “Ask Watson™.”

Join us in our journey

Today, Watson Assistant can answer many drug information questions from specific content within Micromedex, including quick answers for drug classes, dosing and administration, medication safety, mechanism of action, pharmacokinetics and drug interactions.

As Watson is trained further, search capabilities will expand to include more of the Micromedex content. Join us and other pioneering users around the world as we bring clinical decision support to the next level.



We trained Watson on clinical concepts and learned how clinicians ask natural language questions in their daily practice of care. Now clinicians can have more flexibility to ask questions in a natural and more conversational way, such as: “What’s the dose of rivaroxaban for DVT?”, “Are there renal dosing adjustments?”, “Can I give with food?”, or “What should I monitor?”

The more you use Watson, the better it gets. Your questions help train Watson to further enhance system effectiveness and efficiency.

Notes

1 Garza, A. "The Aging Population: The Increasing Effects on Health Care." January 19, 2016. Pharmacy Times. Accessed at <http://www.pharmacytimes.com/publications/issue/2016/january2016/the-aging-population-the-increasing-effects-on-health-care>.

2. <http://www.nejm.org/doi/full/10.1056/NEJMsa022615#t=abstract>

3. Journal of the Medical Library Association, 92, no. 4 (October 2004)

About IBM Watson Health

Each day, professionals throughout the health ecosystem make powerful progress toward a healthier future. At IBM Watson Health, we help them remove obstacles, optimize efforts and reveal new insights to support the people they serve. Working across the landscape, from payers and providers to governments and life sciences, we bring together deep health expertise; proven innovation; and the power of artificial intelligence to enable our customers to uncover, connect and act — as they work to solve health challenges for people everywhere.

For more information on IBM Watson Health, visit ibm.com/watsonhealth or email us at micromedex@us.ibm.com.

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