

Medical Chatbot

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What is the Medical Chatbot?



Generative AI Chat Application for users in the Medical domain, that:

- ✓ **explains** its answers,
- ✓ **cites references**,
- ✓ **updates** medical knowledge daily,
- ✓ lets you create **custom knowledge bases**,
- ✓ or directly **query your documents**.

What

- Combination of information retrieval and text generation
- Proprietary Medical Large Language Model
- Daily Updated Context Information
 - Medical Knowledge Bases
 - Custom Knowledge Bases

Why

- Explainable results with citations and referencing
- Prevent hallucinations

Features

- ✓ Explainable Responses with Citations
- ✓ Medical Conversations
- ✓ Summarization of Medical Content
- ✓ Guardrails and Style Customization
- ✓ Bookmarks and Conversation History
- ✓ Authentication and Authorization

Agents

- ✓ Medical Research
- ✓ Literature Review
- ✓ Doc Q&A
- ✓ Web Search
- ✓ Drug Insights
- ✓ US Healthcare Providers
- ✓ Ask the Guidelines (Guideline Central integration)
- ✓ Medical Agents
 - De-identification, Obfuscation, Extract Medical Entities, Extract Oncological Entities, Extract Drug Entities, Extract Radiological Entities, Extract Adverse Drug Events, Extract Voice of the Patient, ...

Medical Chatbot

What it is:

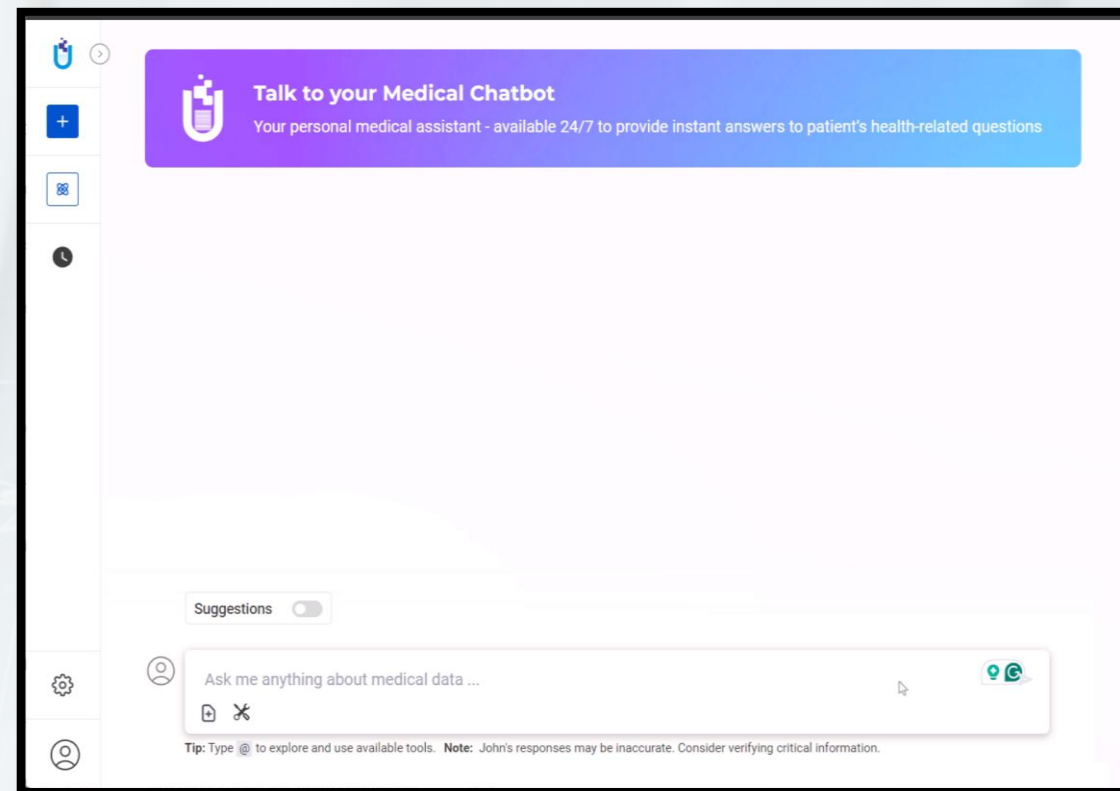
- Information Retrieval + Text Generation
- [Proprietary Medical Large Language Models](#)
- Daily Updated Context Information
 - Medical Knowledge Bases
 - Custom Knowledge Bases

State-of-the-Art Accuracy

Use a Medical LLM that outperforms GPT-4o on tasks like clinical assessment (+6%), research comprehension (+4.2%), and clinical case analysis (+9%)

In a blind evaluation by practicing medical doctors, the Small Medical LLM was preferred over GPT-4o **45% to 92% more often** on clinical text summarization and information extraction

Designed for privacy and compliance, the Medical LLM runs inside your cloud



Average Performance on OpenMed Benchmarks




DEMO

-
1. <https://login.chatbot.johnsnowlabs.com/>
 2. [API Access example Notebook](#)

Make it Yours

- ✓ **Custom Knowledge Bases**
- ✓ **Custom Tone of Voice**
- ✓ **Custom Guardrails**
- ✓ **Single Sign On**
- ✓ **Team Management**
- ✓ **Role Based Access**
- ✓ **API**

Offerings

A single-pointed star icon.

Professional

Chat from your browser

- Proprietary Large Language Model tuned for Healthcare
- Medical Knowledge Updated Daily
- Medical Conversations
- Literature Review
- Document Q&A
- Smart Ranking of References
- Safeguards
- Prevent Hallucinations
- Customizable Tone of Voice
- Search Bookmarks and Responses

A multi-pointed star icon.

Enterprise

Private for your team & data

- Everything **Professional** +
- Private On Premise Deployment
- Unlimited Custom Knowledge Bases
- Connect Your Own Data Sources
- Custom Brand Voice and Safeguards
- Unlimited Users and Groups
- Role Based Access Management
- Single Sign-On
- API Access
- Designed to Scale

Get Started



<https://login.chatbot.johnsnowlabs.com/>



Sign Up

via LinkedIn or using your enterprise email



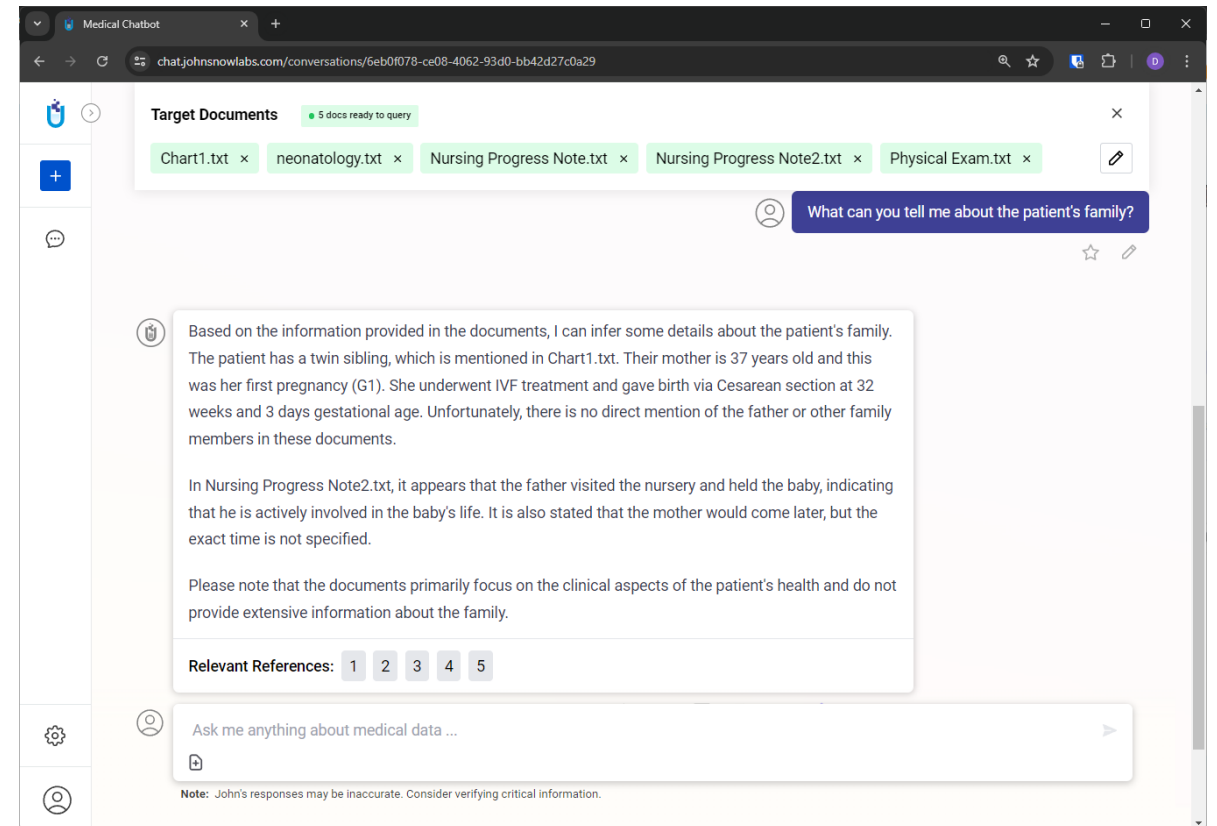
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**Break
10 minutes**



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