

ECHOHEALTH VS TRADITIONAL CHATBOTS/LLMS

Traditional Chatbot/LLM	EchoHealth Agent
Text-only interface	Voice-first conversation
May hallucinate with no sources	Evidence-based with RAG
Generic training data	Domain-specific
No verification	Fully verifiable sources
Basic safety (prompts only)	4-layer safety system
Request-response only	Real-time WebRTC audio
Static knowledge (can't update)	Updateable via document ingestion
Not specialized for healthcare	Built for medical safety