Problem Statement

ECHO-⌁-D

Inconsistent Documentation Quality

Manual note-taking can result in incomplete, inconsistent, or error-prone medical records, impacting patient safety.

Physician Burnout

The overwhelming burden of documentation and administrative tasks leads to fatigue and reduced job satisfaction among healthcare providers.
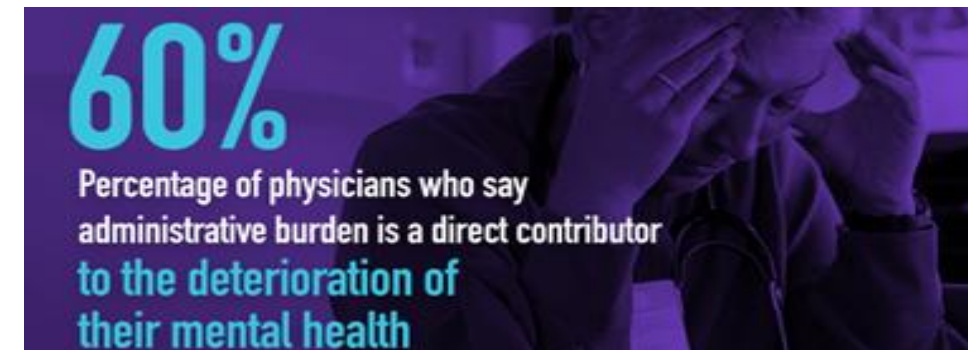
Compliance & Regulations

Ensuring adherence to HIPAA, GDPR, and other healthcare regulations adds complexity and slows down workflows.

Inefficient Resource Utilization

Lack of AI-driven automation leads to underutilization of medical staff and prolonged administrative bottlenecks.

2/3 Physicians say time on administrative tasks **has increased** in the last 5 years

3/4 Physicians who say their administrative workload is an impediment to caring for their patients

60% Percentage of physicians who say administrative burden is a direct contributor to the deterioration of their mental health

@2025 Metrics from Canadian Medical Association
https://www.cma.ca/our-focus/administrative-burden/facts

Problem Statement

ECHO-MD

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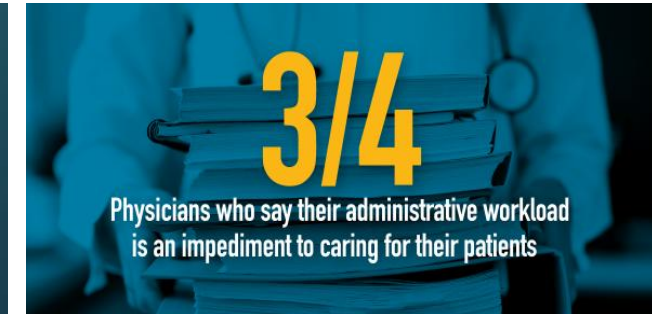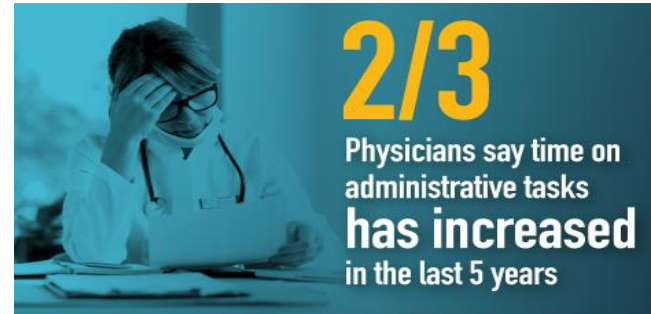
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Benefits to
Healthcare Organizations

Improved Access

Agentic AI can automate labor-intensive processes, including patient triaging, scheduling, and claims management, enabling healthcare professionals to dedicate more time to clinical care.

Personalized Patient Care

By analyzing extensive datasets, agentic AI can recommend be spoke treatment plans, anticipate potential complications, and support preventative care initiatives.

Enhanced Diagnostics

With its ability to process and interpret medical imaging, lab results, and patient histories, agentic AI can significantly improve diagnostic accuracy and minimize errors.

Resource Optimization

From managing bed occupancy to ensuring the timely replenishment of supplies, agentic AI helps healthcare organizations make the most of their resources

EchoMD Clinical Workflow

AI-enabled system

records doctor-patient interactions in real-time, ensuring no critical details are missed.

Advanced Natural Language Processing

and AI algorithms analyze and structure conversation data into meaningful insights
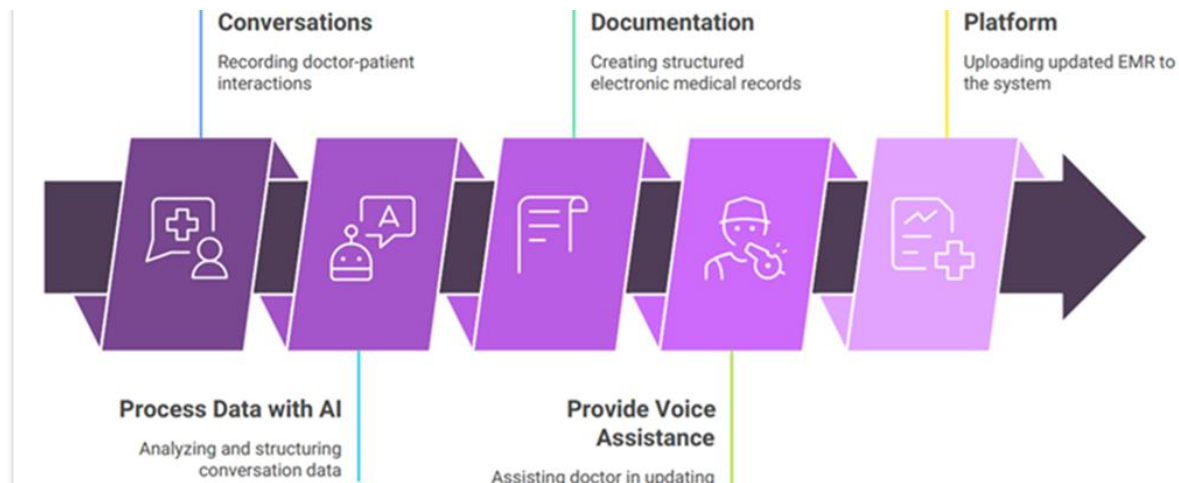
Documentation and EMR Records

AI automatically creates structured, accurate, and standardized electronic medical records (EMRs), reducing manual effort.

Voice Commands

Physicians can leverage voice commands to update or modify EMRs seamlessly, improving efficiency and reducing screen time.

Conversations
Recording doctor-patient interactions

Documentation
Creating structured electronic medical records

Platform
Uploading updated EMR to the system

Process Data with AI
Analyzing and structuring conversation data

Provide Voice Assistance
Assisting doctor in updating

Seamless Integrations
with all major EHR Systems

Pre-Built Connectors
We offer pre-built connectors for all major EMR systems, eliminating the need for custom configurations.

Streamlined Process
Our team handles the technical aspects of the integration, minimizing your IT involvement.

Fast and easy setup
Get up and running with EchoMD quickly and efficiently, allowing you to focus on patient care.

Epic

NEXTGEN HEALTHCARE INFORMATION SYSTEMS

Cerner

eClinicalWorks

athenahealth

How
Agentic AI works

30%

Productivity Increase

Perception

Agentic AI gathers and analyses data from diverse sources, such as electronic health records (EHRs), IoT-enabled medical devices, and diagnostic imaging systems.

Decision-Making

Using sophisticated predictive models, it evaluates potential courses of action, weighing probabilities, risks, and anticipated outcomes.

Action

The system autonomously implements decisions and learns from the results, continually refining its performance over time.
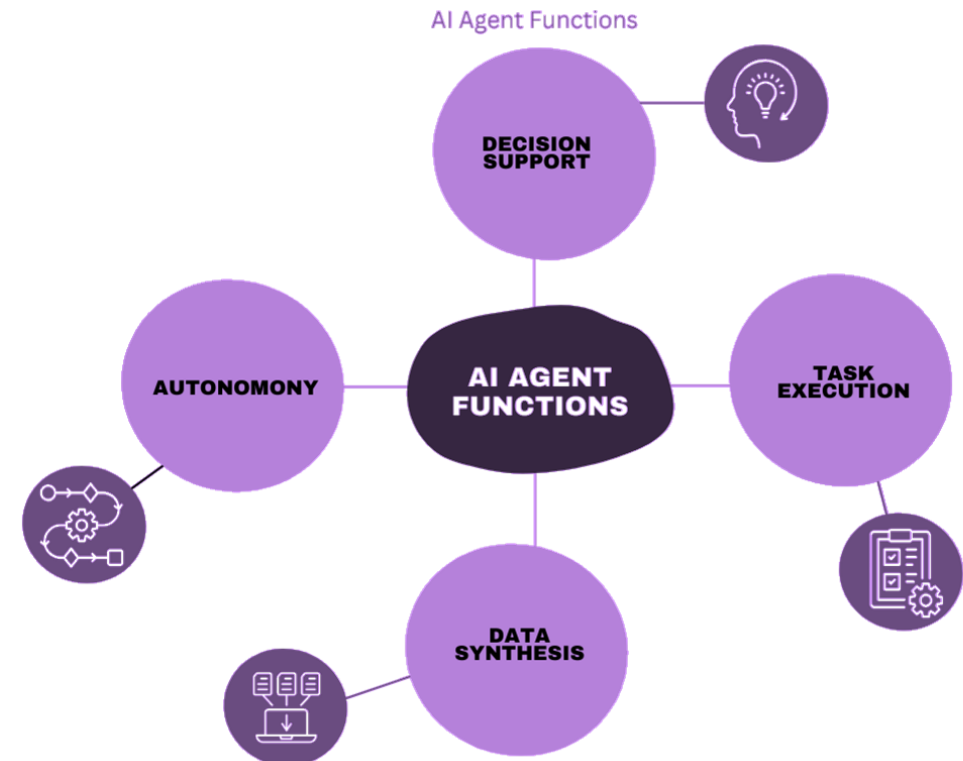
How
EchoMD Agents work

Agentic AI Platform

While traditional AI is often designed for specific tasks, agents in EchoMd Agentic AI act independently, operating across processes to reduce manual workload and alleviate data fragmentation.

Seamless Integration

The platform seamlessly integrates with existing Electronic Health Record (EHR) systems, enabling a streamlined workflow and eliminating the need for manual data entry.

Secure Data Management

EchoMD prioritizes patient data security and privacy, with robust encryption and compliance measures to protect sensitive information.

AI Agent Functions

DECISION SUPPORT

AUTONOMONY

AI AGENT FUNCTIONS

TASK EXECUTION

DATA SYNTHESIS

Thank You

contact@echomd.ai