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TRANSFORMING HEALTHCARE WITH EXPLAINABLE AI

Smart, Secure, and Responsible

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Redefining Healthcare's Future – Without Compromise

CureMD's AI platform empowers healthcare enterprises to achieve measurable clinical and operational outcomes while safeguarding patient dignity, data integrity, and regulatory alignment.

AI Scribe

Combining the power of Ambient Listening with automated coding and ordering, AI Scribe revolutionizes clinical documentation.

Automate Encounter Notes

Captures doctor-patient conversations with 99% accuracy, converting transcripts into structured, codified SOAP notes.

Coding

Auto-inserts ICD, CPT, and Drug codes, minimizing errors and claim rejections.

Ordering

After physician review, AI Scribe automatically processes orders for prescriptions, labs, imaging, referrals, and follow-up appointments as required.

Reduced Pajama Time

Generates notes in seconds, cutting after-hours charting.

Comprehensive Data Integration

Bi-directional solution reconciles historical patient data—past diagnoses, medications, allergies, labs—to ensure complete, gap-free documentation.

Provider Validation

Nothing is saved to the EHR without physician approval, maintaining clinical oversight.

Save Time

Providers reclaim nearly two hours a day—an extra day of patient care every week.

Improve Accuracy

Reduces human errors in clinical notes and coding.

Enhance Patient Experience

Patients report up to 81% higher satisfaction when providers can focus on them, not their screens.

Optimize Throughput

Frees providers to see more patients without sacrificing quality.

Maximize Security

HIPAA-compliant with robust safeguards and fail-safe mechanisms for uninterrupted clinical workflows.

Reduce Burnout

Eliminates repetitive administrative tasks, improving provider well-being and mental fatigue.

Improve Financials

Automated coding lowers rejections and accelerates reimbursements.

Physician-Centric Design

Physician led. Patient focused. Intuitive design.

Clinical Decision Support

Disease Trajectories

Predict future onset of chronic diseases using temporal clinical data from 500 million longitudinal clinical notes from 20+ million patients. CureMD's proprietary Patient Disease Trajectory Model forecasts the evolution of multiple conditions—helping clinicians anticipate health risks and intervene early.

Treatment Pathways

Provides personalized treatment recommendations based on real-world evidence (RWE) and outcomes.

Chronic Disease Prediction

Uses explainable AI models to predict and highlight risk factors for a dozen chronic conditions (e.g., diabetes, hypertension, CKD). Clinicians see why a patient is at risk—enabling data-driven, preventive interventions.

Likely Diagnosis with Labs

Automatically analyzes lab results and clinical notes to suggest likely diagnoses, streamlining the diagnostic process and improving accuracy.

Knowledge Graph

Maps relationships between diseases, treatments, and outcomes. By integrating 30+ years of clinical evidence, it reveals hidden connections that inform best practices.

Multi-Domain Analysis

Integrates structured EHR data, unstructured clinician notes (via NLP), social determinants, and family history.

Early Disease Detection

Spot high-risk patients sooner and reduce late-stage treatment costs and delayed diagnoses.

Personalized Treatment Plans

Leverage real-world data and AI insights to optimize care pathways for improved recovery rates and outcomes quality.

Reduced Risk / Cost

Prevention-focused AI models help lower healthcare expenditure by avoiding unnecessary procedures and hospital readmissions.

Medical Metaverse

Our intelligent agents transform static patient records into dynamic, interactive experiences—for both patients and providers.

Agents for Patient Care

AI-driven bots monitor patient data 24/7, coordinating care proactively to reduce care gaps and ensure timely interventions.

Agents for Physicians

Real-time assistants help before, during, and after consultations. They capture pre-visit details, suggest diagnoses and treatment plans in real time, and follow-up with patients / providers (post visit) to consistently coordinate care as per approved treatment recommendations.

Pre-Visit Summaries

Automatically analyze previous encounters to proactively surface critical risks, care gaps, and evidence-based recommendations – ensuring clinicians walk into every appointment fully informed.

Guideline Compliance Monitoring

Alerts providers in real time if treatments deviate from best practices or selected clinical guidelines, helping maintain consistent, high-quality care.

Reduced Administrative Burden

Cuts charting time by up to 60%, giving clinicians more face time with patients.

Improved Patient Engagement

Reduces no-shows, enhances patient education, and delivers proactive outreach—driving better adherence.

Better Workflow Efficiency

Streamlines visits with pre-processed patient data, point of care assistance, and codified order entry.

Guideline Adherence

Alerts physicians in real-time if treatments deviate from best practices or provider recommended guidelines.

Cohort Builder (Clinical Trials / Patient Outreach)

Patient Matching

Search for trial candidates in plain English (e.g., “Find women over 50 with stage 3 kidney disease”).

Eligibility Scoring

Instantly ranks patients by trial fit (e.g., “90% match for Trial X”).

Criteria Matching

Extracts and interprets complex clinical terminology from patient records to ensure accurate eligibility checks.

Real-Time Data Extraction

Continuously updates trial data from clinicaltrials.gov.

Faster Trial Recruitment

Identifies eligible patients 10x faster than manual screening.

Increased Accuracy

Reduces trial mismatches by 90%, boosting enrollment success.

Better Patient Representation

Promotes diverse cohorts by including varied age, gender, and ethnic groups.

Cost Reduction

Streamline and automate the recruitment process, significantly cutting overhead.

Data Lakehouse

Our Data Lakehouse underpins real-time analytics, AI model training, and large-scale data ingestion—without compromising on security or compliance.

Medical Data Storage

On-premise solution with full encryption and HIPAA compliance.

Real-Time Ingestion

Supports continuous data processing from multiple sources, ensuring up-to-the-minute analytics.

Big Data Compatibility

Integrates seamlessly with AI, BI (Business Intelligence), and machine learning models.

Schema Evolution & Versioning

Automatically updates data without disrupting existing workflows.

Faster Data Access

Reduces processing time for medical records, enabling rapid, data-driven decisions.

Enhanced Security

On-premise deployment prevents unauthorized access and satisfies strict compliance requirements.

Lower Costs

Eliminates dependence on costly cloud storage solutions.

Scalable

Easily grows with your practice—adapts to new AI models and data sources without major overhauls.

Smart EOB

Get real-time insights on claim statuses and billing.

Automate Claim Processing

Flags unpaid claims in real time, reducing denials while identifying posted vs. unposted claims.

Claims Status Classification

Auto-categorizes claims and streamlines RCM tasks.

Faster Reimbursements

Accelerates insurance payouts by identifying and resolving issues quickly.

Increased Efficiency

Processes more claims without adding staff.

Optical Character Recognition (OCR)

A novel approach to digitizing paper-based data and streamlining inbound document workflows.

Data Capture

Extract demographic information from IDs and insurance cards; scan incoming faxes for automatic categorization, routing and assignment.

Classification

Matches inbound faxes to specific patient records, saving staff hours of manual sorting.

Faster Patient Registration

Accelerates patient registration by automatically pulling demographics, insurance and credit card information.

Eliminate Manual Errors

Reduce data entry mistakes for accurate, consistent data extraction and reduced re-work.

Contact Centre

An intelligent, always-on contact centre designed for today's busy medical practices. Handle inbound and outbound calls with empathy and precision, staying aligned with your practices protocols.

Automatic Call Handling

Resolves up to 80% of routine calls—appointment booking / reminders, insurance and billing inquiries—without human intervention.

Real-Time Call Monitoring

Alerts supervisors to frustrated patients; tracks patient satisfaction and agent performance.

Outreach Campaigns

Schedules personalized outbound calls for appointment booking, preventive screenings, post-visit check-ins, or billing follow-ups.

Reduce Wait Times

Calls are answered instantly, 24/7.

Decrease No-Shows

Automated reminders to reduce missed appointment and keep patients engaged.

Free Up Staff

AI handles routine calls so staff can focus on other needs.

Actionable Insights

Track call volume, peak times, and common issues to improve operational KPIs.

CureDoc

Physician-Supervised Clinical Intelligence at the Point of Care.

Guideline-Anchored Documentation

Cross-references 12+ oncology/endocrinology protocols (e.g., NCCN, ADA) during note generation, ensuring compliance with every SOAP note.

Risk Mitigation Engine

Automatically flags drug-drug interactions (DDIs) using FDA's Sentinel Initiative data, alerting providers in real time during documentation.

Audit-Ready SOAP Notes

Generates clinically accurate notes with 99% CPT/ICD-10 coding accuracy, minimizing claim denials and audit risks.

Tumor Board Summaries

Condenses complex patient charts into 1-page briefs in <60 seconds, accelerating multidisciplinary reviews.

Workflow Integration

Seamlessly embeds into EHRs, reducing documentation time by 1.8 hours/day per provider while preserving physician oversight.

Reduce Burnout

Reclaim time for patient care with ambient, error-free charting.

Encode Compliance

Ensure every note aligns with the latest clinical guidelines.

Prevent Errors

Proactively avoid DDIs and coding inaccuracies.

Accelerate Decisions

Rapid summaries empower faster tumor board outcomes.

Chemotherapy Effectiveness Model

AI Powered Precision Treatment

Time-to-Treatment Failure (TTF) Prediction

Predicts regimen success with 82% accuracy across 15 cancer types (e.g., NSCLC, breast, lymphoma).

Regimen Optimization

Recommends NCCN-aligned protocols with the lowest discontinuation risk (e.g., 63% 2-year progression-free survival vs. 41% standard care).

Toxicity Reduction

Flags high-risk neuropathic/myelosuppressive agents using SEER-Medicare data, enabling safer planning.

Dynamic Learning

Updates weekly with global oncology trial outcomes (ASCO, ESMO) and real-world EHR data.

Lower Hospitalizations

Reduce unplanned admissions by 33% through toxicity-aware planning.

Value-Based Alignment

94% of recommendations meet CMS benchmarks for cost and outcomes.

Future-Proof Care

Stay ahead with AI that evolves alongside emerging evidence.

Transparent Insights

Explainable models show why a regimen is recommended (e.g., "Carboplatin prioritized due to lower neuropathy risk").



AI Assistant Transforming Provider Efficiency

Proactive Information Delivery

Surfaces critical patient data (e.g., unchecked HbA1c, drug interactions) in real time—no searching required.

Medical Record Query

Search and aggregate the entire clinical history with ready-made prompts, natural language or voice.

Workflow Integration

Adapts to your specialty and preferences, offering personalized templates for cardiology, oncology, or pediatrics.

Conversational Command Interface

Execute tasks via natural language (e.g., "Show Mr. Smith's last lipid panel and draft a statin education handout").

Task Automation

Auto-summarizes patient encounters, collates labs into trend reports, and generates multilingual education materials in seconds

Predictive Assistance

Anticipates next steps (e.g., suggests order sets post-diagnosis) and pre-populates forms, cutting clicks by 40%.

Customizable

Tailor alerts, prompts, knowledge library and data display formats to personalize evaluation and treatment planning while prioritizing high-risk patients or value-based care metrics.

Slash Documentation Time

Reduce note-writing and data hunting by 50% with ambient automation.

Boost Clinical Accuracy

Flag overlooked risks (e.g., rising creatinine) before they escalate.

Enhance Patient Engagement

Generate plain-language educational material.

Future-Proof Flexibility

Evolves with regulatory changes (e.g., new CMS guidelines) without IT overhauls.

Zero Learning Curve

Intuitive, chat-driven design requires minimal training.

SMART & Secure

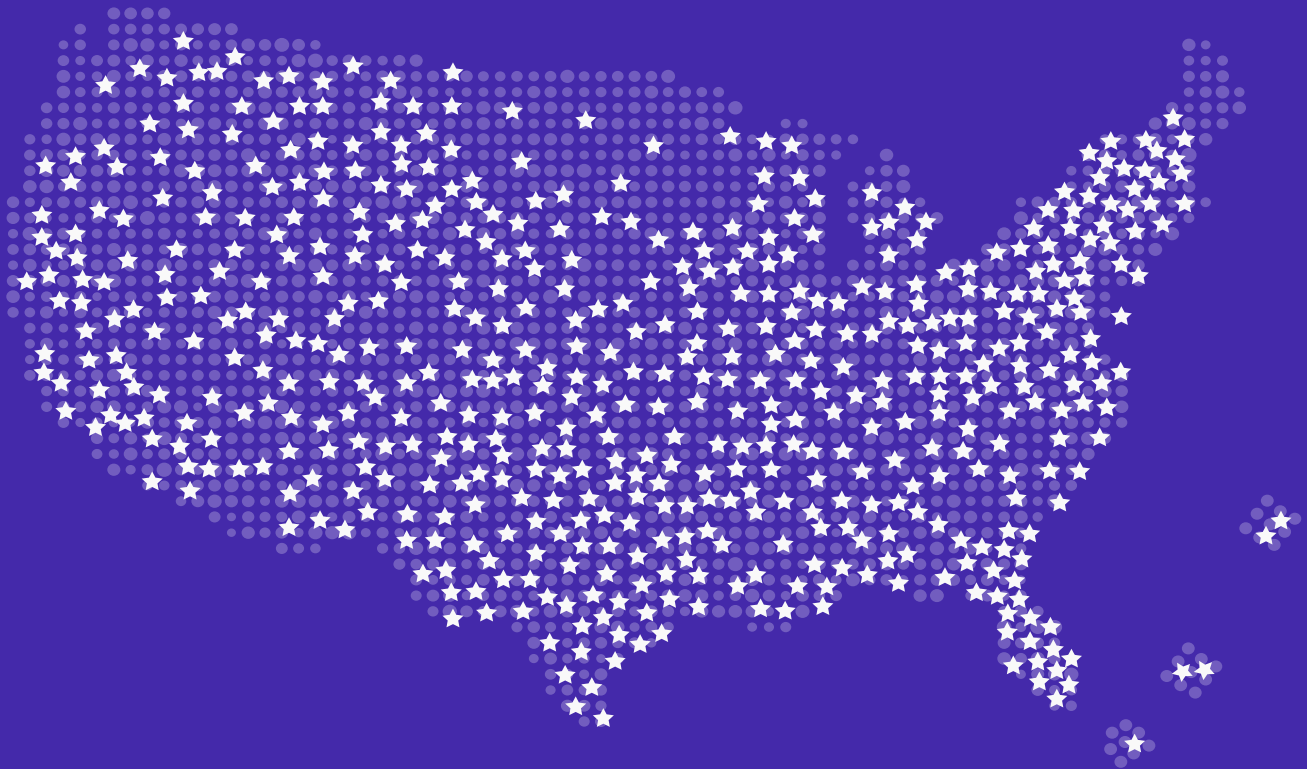
HIPAA-compliant, with role-based access and audit trails.

Explainable AI

See why CureBot surfaces a lab trend or suggests an order (e.g., "HbA1c increased 2% in 90 days").

AI-Powered Practice Automation

EHR & AI Scribe, AI Agents, RCM, and Practice Management



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