PIENOMIAL

The Pharma Leader's

Guide to AI-Powered Evidence Strategy

A Strategic Guide for Pharma Leaders to Unlock Faster, Evidence-Backed Decisions

How AI Unlocks Value

From Data Overload to Real-Time, Evidence-Backed Decisions

AI promises to revolutionize pharmaceutical decision-making - but most solutions fail to bridge the gap between data overload and real-world strategy.

Knolens

changes that.

Built specifically for life sciences, Knolens fuses clinical trials, HTA rulings, regulatory updates, and real-world evidence into a single, continuously updated system - delivering actionable insights that accelerate decisions and transform complexity into competitive advantage.

Align Cross-Functional Teams

Provide Medical, HEOR, Regulatory, and Commercial teams with a shared, continuously updated evidence backbone, reducing duplication, manual collation, and audit risk.

Accelerate Regulatory & Launch Readiness

Auto-surface comparator arm data, regulatory precedents, and HTA decisions to speed submissions, minimize rework, and shorten approval timelines.

Prioritize the Right Opportunities

Map unmet-need signals, treatment gaps, and KOL sentiment to guide smarter R&D, portfolio expansion, and business development.

Maximize Access & Reimbursement

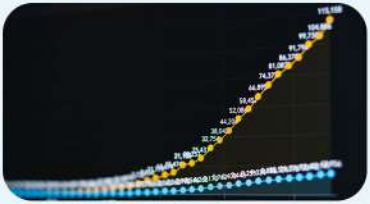
Equip Market Access teams with live dashboards to monitor pricing trends, coverage shifts, and VBP risks enabling proactive payer engagement.

Knolens transforms evidence into action enabling faster, de-risked decisions across the pharma lifecycle.

What is Knolens

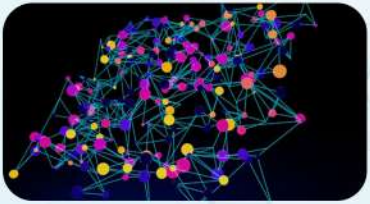
AI-Powered Biopharma Intelligence

Knolens is an AI-powered biopharma intelligence platform designed to streamline evidence generation and accelerate decision support across the drug development lifecycle.



Unified Knowledge Graph

It continuously integrates data from over 100 indications - sourcing regulatory documents, clinical trial registries, HTA outcomes, scientific publications, conference proceedings, and company disclosures-into a unified, always-updated knowledge graph.



Deep Insights from Machine Learning

Knolens combines proprietary machine learning with life sciences - specific ontologies to interpret high-content, multi-modal datasets, revealing patterns and insights from real-world evidence to regulatory trends.

Faster, Smarter Decision-Making

The platform helps Medical Affairs, HEOR, Market Access, Regulatory, and Clinical Development teams benchmark treatment value, de-risk product strategy, and identify high-impact opportunities across therapeutic areas.

Who uses Knolens

Knolens is engineered for cross-functional pharmaceutical teams, uniting diverse expertise to accelerate decision-making.

What Can You Do With Knolens?

Knolens equips pharmaceutical and biotech leaders with a unified, AI-powered platform to drive integrated evidence planning, accelerate insight generation, and enable confident, cross-functional decision-making 4 all in real time

From early R&D to post-market engagement, Knolens enables teams to move faster, reduce risk, and align decisions across Regulatory, HEOR, Medical Affairs, Market Access, and Commercial functions 4 with one shared source of truth.

Whether you're preparing global submissions, shaping market access strategy, or monitoring competitor moves, Knolens delivers scalable intelligence across therapeutic areas and product lifecycles.

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Discover the Impact
Unveiling Knolens in Daily Workflows

Knolens

Automate Integrated Evidence Synthesis

For Regulatory and Clinical Development leaders striving for faster, higher-quality submissions.

Knolens instantly generates complete clinical development journey reports-including trial design, endpoints, and outcomes -saving weeks of manual research.

Its extraction engine consolidates data from trial registries, publications, and real-world studies with >99% accuracy. This enables key submission sections like JCA, CTD, and value dossiers to be built from a single, reliable evidence source.

Track and Respond to Regulatory Changes

For Regulatory Affairs professionals who need real-time awareness and immediate compliance.

Knolens monitors every FDA, EMA, PMDA, and HTA publication in real-time, flagging updates and automatically mapping their impact to specific CTD or JCA sections.

Whether it's a new guideline, withdrawn indication, or changed endpoint classification, the platform ensures your team responds faster than the competition.

Example: Mobile-ready briefs summarize and tag guidance changes within minutes, directly feeding into submission templates or internal alerts.

Enable Advanced HEOR and Economic Modeling

For HEOR & Market Access teams running "what-if" scenarios under tight deadlines.

Knolens enables interactive, real-time scenario planning across regions, allowing you to adjust variables like price, uptake, survival, and cost offsets.

The platform benchmarks ICERs, QALYs, and budget-impact metrics across global markets to pre-populate models and refine payer messaging.

Example: What used to take weeks with spreadsheets now takes hours-every assumption is traceable, every scenario exportable.

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Drive Market Access & Payer Engagement

For Market Access leaders creating value stories that secure reimbursement.

Knolens synthesizes HTA decisions, pricing analogs, and real-world utilization data to auto-generate comprehensive value decks.

The system highlights precedents that support your asset and flags historical objections that impacted competitors, ensuring your payer strategy is proactive and precise.

Example: A live "objection-handling script" helps teams counter regional payer pushback with real precedent, cutting value-communication time in half.

Provide Competitive & Pipeline Intelligence

For CI and Portfolio teams needing live visibility across asset landscapes.

Knolens tracks label updates, trial data, licensing activity, and conference releases in real-time, mapping competitor positioning on an interactive dashboard.

Teams can simulate share-of-voice scenarios, monitor trial milestones, and ground their strategy in evidence4not just anecdotes.

Example: Competitive alerts integrate into Teams/Slack, ensuring strategy decks are updated the same day as your rivals' announcements.

Elevate Medical Affairs & Stakeholder Communication

For Medical Affairs teams preparing field teams and KOL briefings quickly.

Knolens transforms conference abstracts, KOL commentary, and publications into curated briefing books4auto-tagged to your product strategy and ready for annotation or sharing.

What used to take hours of manual collation can now be done in minutes.

Example: MSLs walk into HCP meetings with customized, evidence-backed slides-prepared the same day, not days in advance.

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Multi-Departmental Value: Summary Table

Regulatory & Clinical Development

Core Challenge: Manual evidence collection delays dossier timelines

How Knolens Helps: Auto-assembles submission-ready packages from real-world and trial data

60+ days saved on dossier prep

Market Access & HEOR

Core Challenge: Payer models are slow to build and hard to justify

How Knolens Helps: Runs what-if ICER/QALY simulations tied to HTA feedback and global benchmarks

40-60% faster model generation

Competitive Intelligence

Core Challenge: Fragmented view of competitors and trial data

How Knolens Helps: Live dashboards track assets, trials, and announcements with real-time alerts

Instant visibility; same-day response

Medical Affairs

Core Challenge: MSLs spend hours prepping for meetings with outdated materials

How Knolens Helps: Curates publications, posters, and commentary into mobile-ready briefing packs

90% less prep time; stronger HCP engagement

Business Development / Portfolio Management

Core Challenge: In-licensing analysis is slow and hard to scale

How Knolens Helps: Rapidly benchmarks pipelines, valuations, and whitespace opportunities

70-80% faster due diligence cycles

Executive Leadership / Finance

Core Challenge: Disconnected decisions slow portfolio strategy alignment

How Knolens Helps: Live "what-if" dashboards track ROI and payback across assets

Faster, consensus-driven decisions

90% Less Prep Time | **75% Time Saved** | **100% Traceability**

Knolens

Transform Evidence into Confident, Cross-Functional Decisions

Discover how Knolens can help your teams accelerate strategy, reduce risk, and make confident, cross-functional decisions - powered byalways-updated, evidence-grade intelligence.

Start Your 15-Day Free Trial

Explore the Knolens platform, purpose-built for pharma leaders in Clinical, HEOR, Regulatory, and Market Access.

Begin AI powered Evidence Synthesis Now

Start your Free Trial

- Full platform access
- Continuously updated, traceable insights
- Zero hallucinations built for compliance
- Supports any indication, across all functions
- Seamless integration into pharma workflows

PIENOMIAL

Pienomial, Inc. was formally incorporated in 2020 by a group of lifescience leaders from Fortune 500 companies, tech entrepreneurs and early innovators in AI. Built on our practical experience we have applied modern machine learning techniques to successfully deploying our software with customers in the N. America, & Europe for pharmaceuticals, medical devices Industries.

Start your free trial or connect with our team ⟶

Book a Demo

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