

AB Cube Analysis: CIOMS AI in PV Report

CIOMS XIV Report

The CIOMS XIV report (Artificial Intelligence in Pharmacovigilance) was released in December 2025 by the Council for International Organizations of Medical Sciences (CIOMS) Working Group XIV, providing a practical guide for integrating AI tools into PV processes.

AB Cube: Exceeding the principles

For AB Cube, this landmark report is more than just compliance – it's an opportunity to lead. Our solutions meet and exceed the CIOMS AI in PV principles.



>90%

human-equivalent accuracy



>95%

better-than-human accuracy

FROM COMPLIANCE TO LEADERSHIP



The CIOMS XIV report provides a comprehensive, internationally aligned framework for the ethical, transparent and safe implementation of artificial intelligence in drug safety. It sets the global standard for use of AI in PV via four key principles:



Risk-based oversight



Human benchmarks



Transparency & fairness



Robust performance

HUMAN BENCHMARKS: THE REALITY



Humans aren't perfectly consistent. CIOMS XIV and scientific research agree:

≥90% → As good as a human

≥95% → Better than a human

AB Cube achieves – **and exceeds** – the recommended thresholds while embedding the risk-based oversight emphasized by CIOMS XIV.

RISK-BASED OVERSIGHT: OUR APPROACH



CIOMS XIV highlights a risk-based approach for AI in PV. At AB Cube, this isn't simply theory – it's embedded in our solutions:



Dynamic monitoring



Human-in-the-loop for critical tasks



Automated alerts for performance drift



Governance aligned with EMA & FDA expectations

Risk isn't a checkbox – it's a continuous process. And at AB Cube, we've made it seamless.



AB-Cube
Making Safety Easy

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DOWNLOAD:
CIOMS XIV Report



To explore the CIOMS XIV recommendations in full, visit:

<https://cioms.ch/artificial-intelligence-inpv/>

Request a demo today

Explore how AB Cube is shaping the future of PV.

Unlock smarter safety operations.

Book a demo and experience how our AI-driven solutions transform pharmacovigilance and compliance workflows.

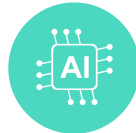


Head to our website or email our team:
sales@ab-cube.com

NO BLACK BOXES: TRANSPARENCY & EXPLAINABILITY



Trust starts with transparency. CIOMS XIV makes clear that AI in PV must be explainable and auditable. AB Cube's AI-driven vigilance solutions deliver:



Clear disclosure of AI use



Explainable outputs for audibility



Performance metrics vs humans



Full documentation for regulators

BEYOND COMPLIANCE: THE AB CUBE ADVANTAGE



From standards to leadership, AB Cube takes a proactive approach. CIOMS XIV defines what good looks like. AB Cube defines what great looks like, because in pharmacovigilance, compliance is the baseline – innovation is the differentiator.



Human-equivalent accuracy (≥90%)



Better-than-human performance (≥95%)



GDPR-native architecture for global compliance



Continuous innovation for future-proof PV

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AB-Cube
Making Safety Easy