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ConvergeHEALTH™

Safety™

Take 3: Improving patient outcomes

Take three minutes for a crash course on analytics.

Pharmacovigilance (PV) organizations can—and should—use safety data derived across the product life cycle to help maintain compliance, make critical decisions, and manage competing demandswhile delivering on their No. 1 priority of improving patient outcomes.

Using safety data insights to improve patient outcomes

The industry is tasked with bringing life-saving therapies to patients as quickly and safely as possible. The R&D process provides an understanding of the safety risk within a patient profile, but life sciences organizations must continually detect, manage, and report adverse events (AE). The growing volume, variety, and velocity of patient data has the ability to offer a more complete patient view, but the technology to derive insights is incomplete.

What's needed is a solution that integrates technologies, processes, and talent—plus traditional and real-world data sources—to detect, assess, understand, and help prevent safety-related issues while uncovering benefits that can improve patient outcomes.

How PV organizations pivot from reactive to predictive

As a health safety organization, you should make your existing capabilities more effective and productive, but that's only the beginning. You also should consider building a foundation that integrates and interprets all safety-related data, both from existing internal/traditional sources, as well as real-world sources.

To break free of siloed processes and capitalize on new technologies and approaches, Deloitte has collaborated with several industry partners and regulators to develop ConvergeHEALTH Safety™, an evidence-based platform for safety intelligence. This first-in-market, purpose-built configurable solution was developed to

enable leading organizations to consolidate their fragmented systems and data on a scalable, evidence-based analytic platform that enables them to be efficient, compliant, consistent, and quality driven while gaining advantage from previously hidden insights.

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Increase understanding of true safety profiles

Analyze and act on the full landscape of safety-related data by bringing all data sources together on one unified platform with advanced retrospective, predictive, and prescriptive analytical tools leading to more accurate and in-depth safety insights.

Reactive to predictive

Incorporate insights, retrospective and prescriptive analysis, and decision recommendations at every stage of the process. Predict and remediate safety issues before they occur for safer patients and reduced operating costs. Uncover and evaluate insights and potential signals in the data that were difficult—or impossible—to identify before, and resolve critical business issues at scale. Collaborate with colleagues using a single source of truth.

Streamline processes and improve quality

Automate key stages of the safety process from intake through processing by leveraging existing safety data, new real-world sources, and supervised and unsupervised machine learning to meet the growing scale of safety AEs. Understand and address the root causes of issues in your compliance metrics. Improve the quality of safety data at the start of the process to help streamline processing and improve signal detection and evaluation.

Shift from low-value tasks to high-impact insight

Automate intake and processing to help significantly improve the efficiency and quality of your AE life cycle. This process can free up resources, helping you to investigate anomaly cases, better manage quality, improve your understanding of product safety profiles, prepare to respond to changing regulations, and evaluate new opportunities for safety insights.

Start the conversation

Deloitte's leading life sciences practitioners have the depth of experience across the full health care ecosystem to deliver the knowledge and technologies needed to help you effectively navigate the rapidly evolving world of drug safety. Our approach leverages ConvergeHEALTH Safety™ to integrate and visualize safety data, intuitively perform advanced analytics, generate periodic and operational reports, monitor and drill into compliance metrics, automate and provide decision support for key steps of the safety process, and identify and evaluate safety signals, all in a role-based, persona-driven interface on a common application and data foundation.

And we don't stop there. ConvergeHEALTH Safety™ is continually updated to reflect the needs of industry partners and the direction of regulars to meet the demands of today and the challenges of tomorrow.

If you're looking for professionals who understand today's PV issues and deliver innovative solutions, we should talk.

Contact **safety@deloitte.com** and visit **www.deloitte.com/us/convergehealth.html** for more information.

Glenn Carroll	**Aditya Kudumala**	**Kevin Sullivan**
Principal	Principal	Principal
Deloitte Consulting LLP	Deloitte Consulting LLP	Deloitte Consulting LLP
+1 973 602 5931	+1 212 313 1562	+ 1 215 789 2762
gcarroll@deloitte.com	akudumala@deloitte.com	kevsullivan@deloitte.com