

# sorcero<sup>♦</sup> Safety

in partnership with  
**SPRINGER NATURE**

Stay on top of literature monitoring to instantly detect safety signals and rapidly report on adverse events

As a core part of post-market surveillance, pharmacovigilance (PV) and medical device safety teams must regularly review newly published literature and rapidly identify articles that mandate adverse event reports such as Individual Case Safety Reports (ICSRs). But despite spending hundreds of hours monthly on literature monitoring, teams can't keep pace with the 2 million+ articles published annually. To make matters worse, current literature monitoring platforms often take 6 months to tag safety signals.

Continuing to rely on slow literature monitoring workflows poses substantial risks, causing teams to delay or even miss reporting on critical safety information – directly impacting patient outcomes.

Sorcero Safety™, in partnership with Springer Nature™, streamlines compliant literature monitoring at scale so PV and medical device safety teams can rapidly identify safety signals and accelerate adverse event reporting. With Sorcero Safety, teams can prioritize patient safety – without drowning in unsustainable workloads.

## Key Benefits

More than **3x increase** in detecting unique safety content

**90%+ accuracy** in detecting literature likely to trigger ICSRs

**250 million+ publications** in the world's largest scientific data pool

[Learn More at Sorcero.com/Safety](https://sorcero.com/Safety)

Sorcero Safety leverages cutting-edge, medically-tuned AI to flag literature that may trigger ICSRs or mandate other adverse event reporting

## Why Sorcero Safety?

### Real-time monitoring of safety signals across scientific literature

Sorcero Safety dramatically accelerates the traditionally slow process of literature monitoring and identifying publications that may trigger an ICSR. While current systems can take 3 to 6 months to tag new articles, Sorcero Safety ingests and tags new literature daily, keeping up with the large volume of new publications. Critical safety information is flagged and categorized within hours of publication, not months. PV and medical device safety teams can stay well ahead of regulatory and ICSR deadlines, significantly reducing risk of non-compliance.

### Industry-leading accuracy through AI-powered safety signal detection

Sorcero Safety leverages cutting-edge, medically tuned AI to flag literature that may trigger ICSRs or mandate other adverse event reporting. The platform's safety and medically tuned AI classifiers analyze content using rich ontology libraries covering a vast range of relevant categories such as drug, patient population, risk profile, and more, achieving 90%+ accuracy. Sorcero Safety is also validated by subject matter experts, ensuring further improvements to accuracy and precision.

### The most comprehensive literature database for safety teams

Sorcero Safety provides access to the world's most extensive literature database, significantly reducing the risk of missing critical safety information. This comprehensive coverage, combined with AI-powered tagging and filtering, allows teams to rapidly identify safety signals associated with specific product areas, ensuring critical safety signals are not missed.

## Key Benefits

### Rapidly identify safety signals across the industry's most comprehensive literature database

- ◆ Instantly find and triage articles that warrant deeper review or may require adverse event reporting
- ◆ Easily understand articles with AI-generated auto-summaries and links to full text sources
- ◆ Gain a comprehensive understanding of safety trends over time with powerful dashboards

### Achieve 90% accuracy in detecting literature likely to trigger an ICSR

- ◆ Pinpoint articles that will trigger an ICSR through advanced classifiers that analyze content based on ICSR criteria
- ◆ Save time reviewing each article with AI tagging and filtering that flags relevant safety signals and products
- ◆ Benefit from enhanced accuracy and precision through automatic validation from subject matter experts

### Comply with ICSR and literature monitoring requirements

- ◆ Meet ICSR, IVDR, and MDR requirements with medically and safety-tuned classifiers
- ◆ Reduce the risk of missing critical safety information with ongoing access to a large volume of structured and deduplicate publications
- ◆ Safeguard sensitive information through a fully GxP-validated system, dedicated tenant, and comprehensive privacy certifications

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## ABOUT SPRINGER NATURE

For over 180 years Springer Nature has been advancing discovery by providing the best possible service to the whole research community. We help researchers uncover new ideas, make sure all the research we publish is significant, robust and stands up to objective scrutiny, that it reaches all relevant audiences in the best possible format, and can be discovered, accessed, used, re-used and shared. We support librarians and institutions with innovations in technology and data; and provide quality publishing support to societies. As a research publisher, Springer Nature is home to trusted brands including Springer, Nature Portfolio, BMC, Palgrave Macmillan and Scientific American. For more information, please visit <http://www.springernature.com> and @SpringerNat.

## ABOUT SORCERO

Sorcero is a leading provider of AI-powered solutions for the life sciences industry, dedicated to improving patient outcomes through innovative technology. By combining advanced natural language processing with domain-specific expertise, Sorcero develops tools that transform how healthcare and pharmaceutical professionals access and utilize critical information. Our innovation has been recognized by over a dozen awards, including Fast Company's Most Innovative Companies of 2024, and six foundational medical AI patents. Learn more at: <http://www.sorcero.com>.