Smarter Reviews: Trusted Evidence

Automating Literature Surveillance for Adverse Events

For pharmacovigilance (PV) teams, scientific and medical literature is the fourth largest source of adverse event (AE) reports received by the FDA. The challenge posed by the growing volume of scientific literature is further compounded by the lack of standardization in literature surveillance, both within pharmaceutical companies and in their outsource providers.

Used by 50% of the world's top pharmaceutical companies, DistillerSR leverages AI-powered automation, intelligent workflows, and data reuse to provide your team with a fully validated transparent literature surveillance platform. As a result, you can process individual case study reports (ICSRs) and safety signals in an accurate, automated, real-time, and audit-ready manner.

A Single Source of Trusted Evidence

Fully Transparent, Secure, and Audit Ready

DistillerSR tracks all review activity and makes it easy to view the provenance of every cell of data.

You can restrict access and ensure your data meets your organization's security standards through single sign-on (SSO) and user permissions.

Follow-the-Sun Collaboration and Oversight

Drug safety teams can collaborate more effectively, with standard processes in place and reduced management overhead. Reviewers are automatically assigned and notified of new work – regardless of the number of projects they're working on. Team members can view real-time user and project metrics to gain insight into individual workloads, participation, quality, and performance.

Direct Integrations for Seamless Workflow

Synchronize your triage data seamlessly across all applications with DistillerSR's API.

Keep your safety databases and reporting dashboards up to date automatically in real time, making submissions to governing bodies seamless.

Always Monitoring Safety

Using DistillerSR, safety team members are automatically alerted of adverse events flagged in surveilled literature. It can be configured to provide daily reports of references with adverse events to safety professionals and relevant stakeholders, speeding response times for health authority submissions.

Do More Faster and Smarter

Real-Time Literature Surveillance

By leveraging auto-alerts from data providers such as Ovid, ProQuest, and Embase, DistillerSR allows you to automatically add newly published citations to your surveillance review as soon as they become available. Your team is automatically notified and can instantly assess the new literature for assessment. Meanwhile, duplicates can easily be identified and removed.

Simplified, Cost-Effective Full-Text Retrieval

Freely available and copyright-compliant full-text documents can be automatically retrieved and added to your literature surveillance process.

DistillerSR

Import DistillerSR Reports to Third-Party Safety Databases

DistillerSR's public API allows the platform to be securely integrated with a broader technology ecosystem, including safety databases, predictive analytics applications, reporting systems, and data lakes, among others.

Safety teams can leverage their Article Galaxy and RightFind subscriptions to order full-text documents from within DistillerSR for the lowest possible cost.

Instant Access to Source Materials

Connect directly to source materials stored in your organization's eLibrary and through DOI.org. This eliminates the tedious task of searching for and uploading full-text documents.

Artificial Intelligence Reduces Screening Times and Improves Review Quality

Find Relevant References Faster

With the help of AI, DistillerSR allows you to quickly find what you need and easily sort through irrelevant materials. Its AI differentiates between relevant and irrelevant records, continuously reprioritizing the remaining, as-yet-unscreened records, and then presents them based on the likelihood of relevance. On average, you can find most of your relevant references 40–60% sooner than conventional screening.

Prevent Erroneous Exclusions

Confirm that you haven't accidentally excluded any relevant references. DistillerSR's AI double-checks your exclusions for errors, increasing your confidence in your screening decisions. Conflicts and disagreements between reviewers, meanwhile, are automatically identified and set aside for easy resolution.

Take Control of Your Reviews – the Way You Want

Create and Reuse Templates to Meet Regional Standards

Extract, appraise, and report on data in a way that fits your requirements. Furthermore, when evaluating another product in the same jurisdiction, you can instantly reuse the captured data, workflow, and reports across multiple reviews by creating templates. These templates can be copied and modified for subsequent projects.

Eliminate Time Wasted On Data Cleaning

Reduce human error by requiring data validation at the time of extraction, for example by using prespecified acceptable ranges for numerical values. Configured to meet your requirements, DistillerSR's in-form data validation lets your team spend less time and effort acquiring analysis-ready data.

Reuse Data with CuratorCR

DistillerSR's CuratorCR module automatically notifies you if anyone in your organization has already collected data for a reference. This increases overall review efficiency as citations are linked to existing extracted data and can be reused for other projects.

CuratorCR eliminates unnecessary duplication of effort by easily finding, viewing, validating, and reusing already collected data and PDFs across reviews and teams.

1. **Reference Added to Review**

2. **You Begin Reviewing**

3. **CuratorCR Notifies You of Already Collected Data**

CuratorCR uses the DOI code and/or PMID to find matches.

4. **View Already Collected Data from Other Projects**

5. **Use Already Collected Data from Other Projects**

Copy and Paste

We understand that monitoring new and existing literature for adverse events across often diverse drug portfolios can be a highly manual and time-consuming effort. By becoming a part of your organization's safety ecosystem, DistillerSR automates and streamlines PV literature surveillance for transparent, audit-ready, and compliant reporting. ⌘

DistillerSR

DistillerSR ensures PV literature surveillance is efficient, compliant, and audit ready.

For pharmacovigilance teams, monitoring existing and new literature for adverse events across often diverse drug portfolios can be a highly manual and time-consuming effort. DistillerSR automates and streamlines PV literature surveillance for transparent, audit-ready, and compliant reporting.

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For more information, visit distillersr.com.