

LifeSphere LitPro

Automated Literature Monitoring

Complete Literature Screening Solution

ArisGlobal's LifeSphere LitPro application is a full-service automated medical literature screening solution designed to help life sciences organizations meet regulatory compliance requirements by scanning global databases for medically relevant information including products, adverse events, medical terms and investigations. LifeSphere LitPro is easily configurable as medical literature monitoring searches change over time, helping to ensure compliance and future preparedness. LifeSphere LitPro automates the process of:

- Identifying and retrieving all relevant journal article details from popular bibliographic databases such as Embase and Medline/PubMed, among others
- Scanning the selected information sources for relevant safety information
- Assessing attribution to determine if there is a relationship between an event and a medicinal product
- Recognizing and extracting key data points for use as part of the creation of an ICSR or follow-up report to an existing case within a safety database

OUT-OF-THE-BOX INTEGRATION

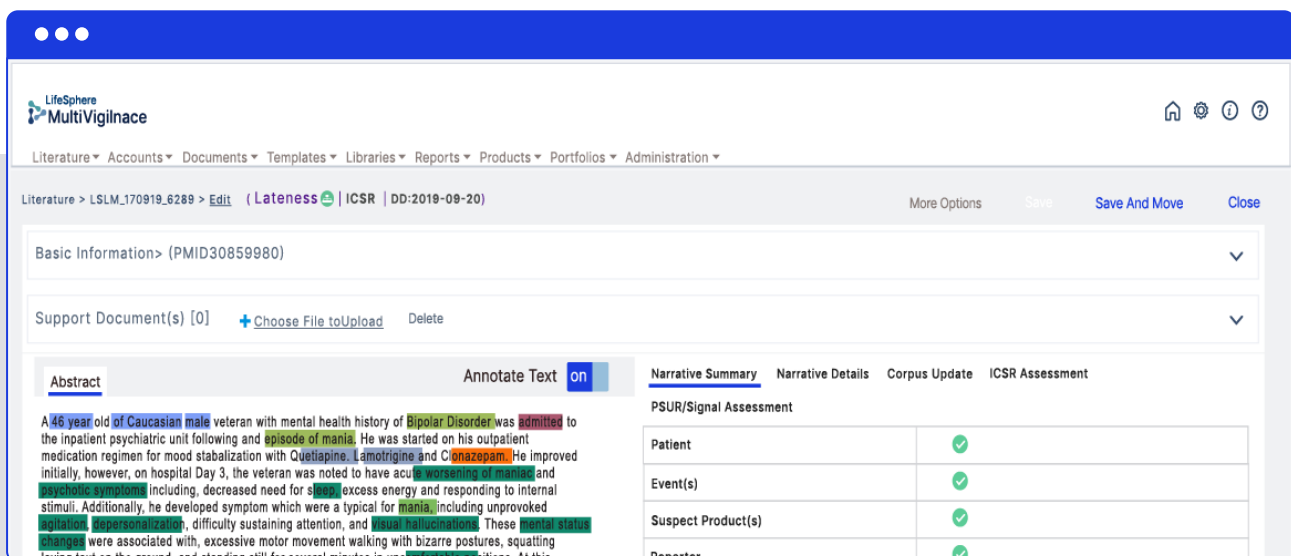
Unified with LifeSphere Safety and Compatible with All Drug Safety Systems

LifeSphere LitPro is the industry's first and only automated literature screening solution that offers system-agnostic integration with other drug safety systems. LitPro complements any literature search tools already in place, offering additional functionality such as review and triage. When LifeSphere LitPro is used as part of the unified LifeSphere Safety platform, the out-of-the-box connectivity and integration with LifeSphere MultiVigilance allows for even greater efficiency gains.

Compliance Made Easy

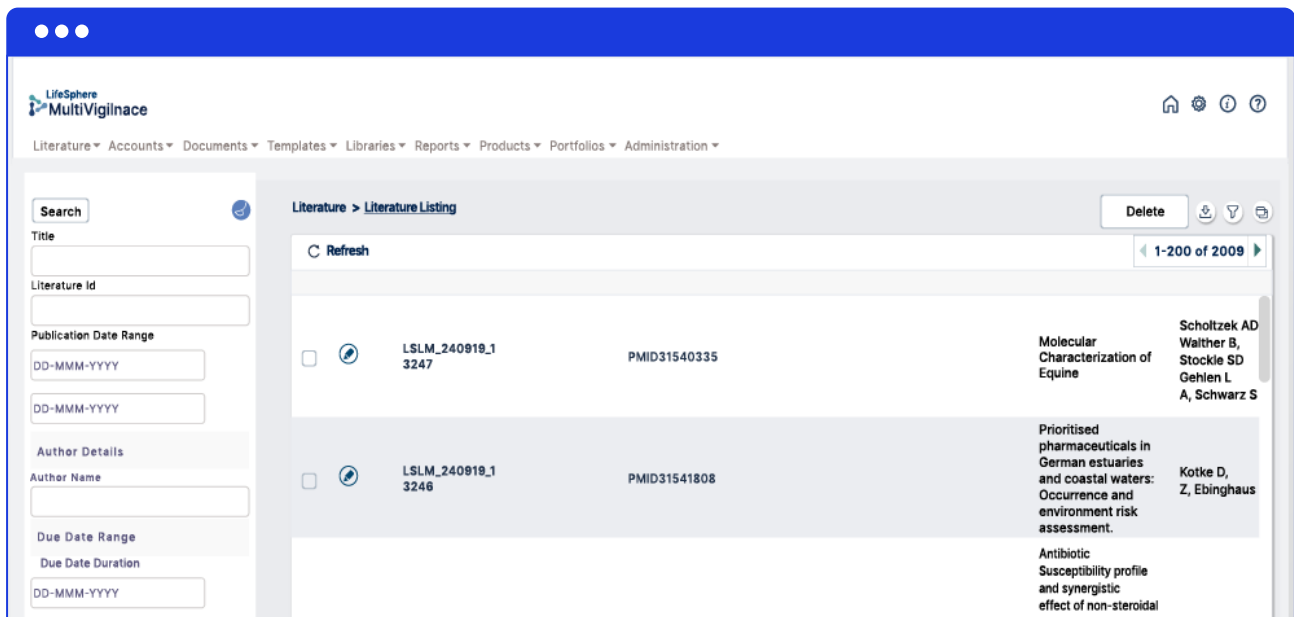
Most regulatory agencies require life sciences organizations to frequently monitor medical and scientific literature databases and report any adverse event identified. Failure to comply may result in penalties or withdrawal of a drug from the market. LifeSphere LitPro fulfills these regulatory requirements by automating literature surveillance, event identification, and case creation. This automated process decreases manual intervention and frees up teams to focus on core tasks.

A FOCUS ON USABILITY - IMPROVING USER EXPERIENCE THROUGH A MODERN AND INTUITIVE INTERFACE



The screenshot displays the LifeSphere MultiVigilance interface. The top navigation bar includes the LifeSphere MultiVigilance logo and user icons. Below the navigation, there are dropdown menus for Literature, Accounts, Documents, Templates, Libraries, Reports, Products, Portfolios, and Administration. The main content area shows a literature record for LSLM_170919_6289, identified as an ICSR with a date of DD:2019-09-20. The record is titled 'Basic Information > (PMID30859980)'. Below this, there is a section for 'Support Document(s) [0]' with a '+ Choose File to Upload' button and a 'Delete' link. The main text area is titled 'Abstract' and contains a detailed medical report. To the right of the abstract, there are tabs for 'Annotate Text' (which is active), 'Narrative Summary', 'Narrative Details', 'Corpus Update', and 'ICSR Assessment'. Below the abstract, there is a 'PSUR/Signal Assessment' table with the following data:

Category	Status
Patient	✓
Event(s)	✓
Suspect Product(s)	✓
Reporter	✓



LifeSphere LitPro

Built on brand new architecture, LifeSphere LitPro takes the literature screening process to the next level with automated database scanning, event identification and case triaging.

Enables Highly Accurate Benefit-Risk Evaluations

LifeSphere LitPro searches for and identifies adverse event data, allowing organizations to reduce manual intervention and ensure timely discovery of adverse events. With improved data available for assessment, organizations can conduct accurate benefit-risk evaluations of potential signals for products based on the discovered data and establish quality periodic safety reports.

Duplicate Check

LifeSphere LitPro performs duplicate check of abstracts to identify unique and new relevant abstracts for each search. In addition, the duplicate check process includes/excludes ICSRs identified via the EMA medical literature monitoring process.

Automatic Review of Abstracts and Full-Text Article Request

LifeSphere LitPro can be automated to review abstracts for valid ICSRs and then issue a request for full-text articles. It can then route abstracts of full-text articles with valid ICSRs to the safety database.

Reporting Functionality

LifeSphere LitPro establishes a central repository for weekly hits to generate customized reports. Companies can also generate a report of marked articles.

For more information on LifeSphere, visit our website or contact us today.

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