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Structuring preclinical safety reports done in different animal models

Excelra helped a large pharma company based out in the US to structure their preclinical studies in different animal models and convert them to a prescribed format.

CASE STUDY

Client
Pharma

Services used
PTRD curation, ClinPharm

Results

- Data extracted from the 143 reports on preclinical studies in different animal models were validated, digitized, and delivered in excel format.

The challenge

- A US based large pharma working on multiple therapeutic areas, had completed their preclinical studies using multiple animal models.
- The data generated was significantly large, unstructured and undigitized preclinical toxicity reports that were required to be consolidated in a structured format for further use.
- These included 143 reports that were associated with the toxicity reports from different animal models and required to be structured.

Our approach

- Information from the client was taken regarding the number of reports to be curated, length of the reports, inclusion and exclusion criteria were finalized.
- By using Excelra's Preclinical Tox Report Digitization (PTRD) curation service, we manually reviewed all the client's Preclinical safety (PCS) reports and validated those.
- After reviewing the reports, a template of the final output was prepared consisting of 9 domains. The data was segregated into these domains.
- The final data was validated by internally generated R-scripts.

The results

- We delivered a validated excel file for further use.

Conclusion

- Excelra helped the client by providing refined and structured data for their preclinical toxicity reports.
- Our well-defined process helped to properly verify and digitize their PCS reports. The final output was divided into 9 data sections and mapped to relevant details.
- Our curation services helped the client successfully validate and structure their reports in a defined format required for further use.