



Systematic Literature Review for supporting regulatory document (CER)

Customer

Pharmaceutical company/RWE team

Objective

Conduct a systematic literature review (SLR) to identify real-world treatment patterns for unresectable advanced or metastatic conventional chondrosarcoma.

Scope

Systematic literature review to identify, screen, extract, and summarize the effectiveness of various treatments in real-world settings.

Approach



Protocol & Search: Client shared the objective; the platform assisted SMEs in generating inclusion/exclusion criteria and search queries. Platform searched PubMed & Embase with automated deduplication.



AI-Assisted Screening: Title/abstract & full-text screening with traceability and explanations.



Double-Blind Validation: Two independent reviewers validated; conflicts resolved via conflict resolver.



Data Appraisal & Data Contribution: Conducted data appraisal (quality, relevance, limitations) and data contribution (safety, performance, and benefit-risk evaluation) aligned with MDR & MEDDEV requirements.



Data Extraction: Platform extracted key data elements automatically; SME team performed in-depth treatment-arm extraction for analysis.



Submission-Ready Output: AI-generated single-article, multi-article, and table summaries validated by SMEs.

Result

Methodology	Volume	Project Timeline	AI Accuracy
AI-aided double-blinded Review	3,855	5 weeks	91%