

Supplementary material

Full database-specific search strategies

Manuscript No. 122847 – Effectiveness and Safety of Antifibrinolytic Agents in the Management of Pulmonary Haemorrhage: A Systematic Review With Narrative Synthesis

All five databases were searched from inception to 28 September 2025, on the same date, using the concept structure: (haemoptysis/pulmonary haemorrhage terms) AND (antifibrinolytic/tranexamic acid/aminocaproic acid terms). The PubMed strategy is reproduced below for completeness, followed by the adapted strategies for EMBASE, Scopus, the Cochrane Library, and Web of Science, each adapted to the controlled vocabulary and syntax of the respective platform.

PubMed

((("Pulmonary Haemorrhage"[tiab] OR "Hemoptysis"[Mesh] OR hemoptysis[tiab] OR "lung bleeding"[tiab] OR "alveolar hemorrhage"[tiab]) AND ("Antifibrinolytic Agents"[Mesh] OR "Tranexamic Acid"[Mesh] OR tranexamic[tiab] OR TXA[tiab] OR "Aminocaproic Acid"[Mesh] OR aminocaproic[tiab] OR EACA[tiab] OR "aprotinin"[tiab]))

EMBASE (Ovid)

1. exp hemoptysis/ 2. (hemoptysis or haemoptysis or "pulmonary hemorrhage" or "pulmonary haemorrhage" or "lung bleeding" or "alveolar hemorrhage" or "alveolar haemorrhage").ti,ab. 3. 1 or 2 4. exp antifibrinolytic agent/ 5. exp tranexamic acid/ 6. exp aminocaproic acid/ 7. (tranexamic or TXA or aminocaproic or EACA or aprotinin).ti,ab. 8. 4 or 5 or 6 or 7 9. 3 and 8 10. limit 9 to english language

Scopus

TITLE-ABS (hemoptysis OR haemoptysis OR "pulmonary hemorrhage" OR "pulmonary haemorrhage" OR "lung bleeding" OR "alveolar hemorrhage" OR "alveolar haemorrhage") AND TITLE-ABS (tranexamic OR txa OR aminocaproic OR eaca OR aprotinin OR "antifibrinolytic agents") AND (LIMIT-TO (LANGUAGE , "English"))

Cochrane Library (CENTRAL, via Cochrane Trials)

#1 MeSH descriptor: [Hemoptysis] explode all trees #2 (hemoptysis or haemoptysis or "pulmonary hemorrhage" or "pulmonary haemorrhage" or "lung bleeding" or "alveolar hemorrhage" or "alveolar haemorrhage"):ti,ab,kw #3 #1 or #2 #4 MeSH descriptor: [Antifibrinolytic Agents] explode all trees #5 MeSH descriptor: [Tranexamic Acid] explode all trees #6 MeSH descriptor: [Aminocaproic Acid] explode all trees #7 (tranexamic or TXA or aminocaproic or EACA or aprotinin):ti,ab,kw #8 #4 or #5 or #6 or #7 #9 #3 and #8

Web of Science (Core Collection)

TS=(hemoptysis OR haemoptysis OR "pulmonary hemorrhage" OR "pulmonary haemorrhage" OR "lung bleeding" OR "alveolar hemorrhage" OR "alveolar haemorrhage") AND TS=(tranexamic OR TXA OR aminocaproic OR EACA OR aprotinin OR "antifibrinolytic agents") Refined by: Language: English

Notes

Searches were not restricted by publication date in any database. Reference lists of included studies and relevant reviews were screened manually for additional eligible studies (citation searching). Clinical trial registries and grey literature sources were not searched; this is acknowledged as a limitation in the main manuscript. Database-specific record counts contributing to the overall total of 642 records (before deduplication) were not retained separately in the original search log and are not presented by individual database in this table; the overall PRISMA flow diagram in Figure 1 of the main manuscript reflects the combined, deduplicated record count.