

Table 1: Key MeSH words from three different databases search method.

Search engine	Key/MeSH words	Results
PubMed	((("clostridioides difficile"[MeSH Terms] OR "clostridium difficile"[Text Word]) AND "english"[Language] AND ((("megacolon, toxic"[MeSH Terms] OR ("megacolon"[All Fields] AND "toxic"[All Fields]) OR "toxic megacolon"[All Fields] OR ("toxic"[All Fields] AND "megacolon"[All Fields])) AND "english"[Language]) AND ((("toxin s"[All Fields] OR "toxine"[All Fields] OR "toxins, biological"[MeSH Terms] OR ("toxins"[All Fields] AND "biological"[All Fields]) OR "biological toxins"[All Fields] OR "toxin"[All Fields] OR "toxins"[All Fields]) AND ("analysis"[MeSH Subheading] OR "analysis"[All Fields] OR "assay"[All Fields] OR "biological assay"[MeSH Terms] OR ("biological"[All Fields] AND "assay"[All Fields]) OR "biological assay"[All Fields] OR "assay s"[All Fields] OR "assayed"[All Fields] OR "assaying"[All Fields] OR "assays"[All Fields]) AND "english"[Language])) AND ((english[Filter]) AND (2012:2023[pdat]))	24
Scopus	ALL (clostridioides AND difficile) OR ALL (clostridium AND difficile) AND ALL (toxic AND megacolon) AND ALL (toxin AND assay) AND PUBYEAR > 2011 AND (LIMIT-TO (DOCTYPE , "ar") OR LIMIT-TO (DOCTYPE , "re")) AND (LIMIT-TO (LANGUAGE , "English"))	85
CINAHL	(clostridioides difficile or clostridium difficile or c-diff) AND toxic megacolon	37