Appendix 1. Search Strings and References Screening Diagram

In PubMed:
("Root Cause Analysis"[Mesh] OR "root cause"[ti] OR "medical error*"[ti] OR "clinical error*"[ti] OR "patient safety"[ti] OR "incident report*"[ti] OR "adverse event*"[ti] OR "clinical incident*"[ti] OR "critical incident*"[ti] OR "adverse medical event*"[ti] OR "after action review"[ti] OR debrief*[ti] OR huddle*[ti] OR "learn from defect"[ti] OR "concise incident"[ti] OR "concise investigation"[ti] OR "Canadian Incident Analysis Framework"[ti] OR "multi-incident analysis"[ti] OR "aggregate RCA"[ti]) AND (alternative*[ti] OR tool*[ti])

In Embase:
"root cause analysis"/ OR ("root cause" or "medical error*" or "clinical error*" or "patient safety" or "incident report*" or "adverse event*" or "clinical incident*" or "critical incident*" or "adverse medical event*" or "after action review" or debrief* or huddle* or "learn from defect" or "concise incident" or "concise investigation" or "Canadian Incident Analysis Framework" or "multi-incident analysis" or "aggregate RCA").ti. AND (alternative or tool).ti.

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┌─────────────────────────────────────────────┐
│  Records Identified Through Database Search: │
│                                             │
│        PubMed/Medline= 374                  │
│                                             │
│           Embase= 355                       │
│                                             │
│  Journal handsearching and other methods:   │
│                                             │
│              n = 76                         │
└─────────────────────────────────────────────┘
                      │
        ┌──────────────────────────────┐
        │  Records After Duplicate Removal │
        │            n = 656            │
        └──────────────────────────────┘
                      │
          ┌────────────────────────┐
          │   Records Screened     │
          │       n = 656          │
          └────────────────────────┘
                      │
          ┌────────────────────────┐
          │   Records Excluded     │
          │       n= 535           │
          └────────────────────────┘
                      │
      ┌────────────────────────────────────┐
      │ Full-Text Articles Assessed for     │
      │          Eligibility                │
      │            n= 127                   │
      └────────────────────────────────────┘
                      │
      ┌────────────────────────────────────┐
      │ Studies Excluded After Full-Text    │
      │          Screening                  │
      │            n= 16                    │
      └────────────────────────────────────┘
                      │
      ┌────────────────────────────────────┐
      │ Studies Included in Narrative Review │
      │            n = 108                  │
      └────────────────────────────────────┘
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