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")

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

Hagley G, et al. BMJ Open Qual 2019; 8:e000646. doi: 10.1136/bmjoq-2019-000646