

## Appendix A: Overview of Realist Synthesis Methods

Figure A.1: Realist Synthesis Methods

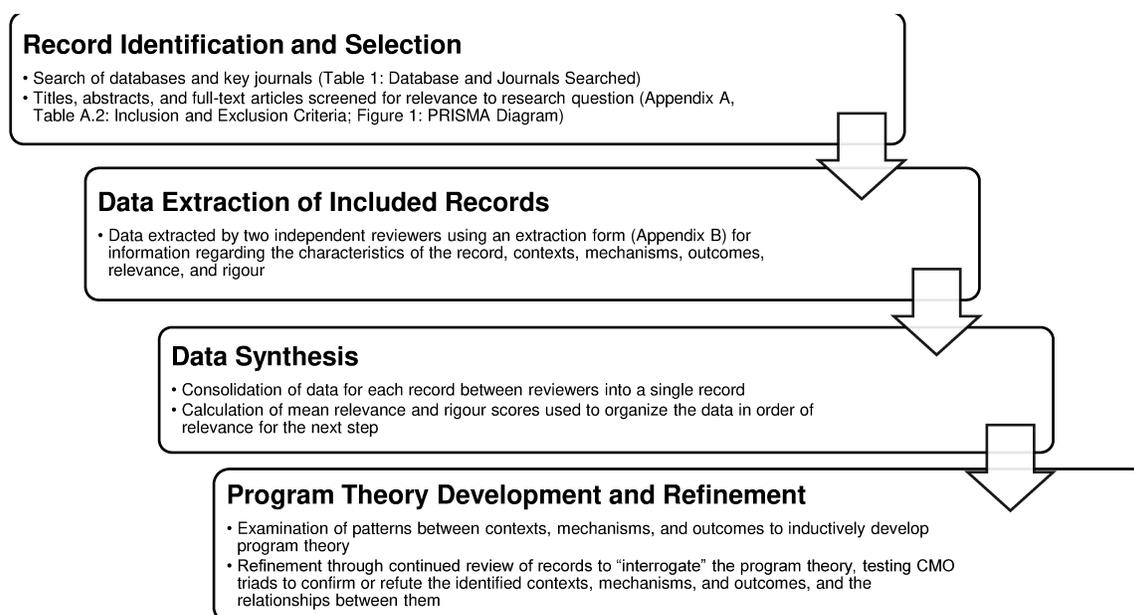


Table A.1: Database and Journals Searched with exploded Medical Subject Heading Terms for "Quality Improvement" AND "medical education"

Databases Searched	Journals Manually Searched
<ul style="list-style-type: none"> <li>• MEDLINE</li> <li>• PubMed</li> <li>• Web of Science</li> <li>• Embase</li> <li>• CINAHL</li> <li>• PsycInfo</li> <li>• MedEdPortal</li> <li>• MedEdPublish</li> </ul>	<ul style="list-style-type: none"> <li>• Academic Medicine</li> <li>• Medical Education</li> <li>• Medical Teacher</li> <li>• Journal of Graduate Medical Education</li> <li>• Teaching and Learning in Medicine</li> <li>• Perspectives on Medical Education</li> <li>• Advances in Health Sciences Education</li> <li>• BMJ Quality and Safety</li> <li>• BMJ Open Quality</li> <li>• Quality and Safety in Healthcare</li> <li>• American Journal of Medical Quality</li> <li>• BMC Medical Education</li> </ul>

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**Table A.2: Inclusion and Exclusion Criteria**

Inclusion Criteria	Exclusion Criteria
<ul style="list-style-type: none"> <li>● Medical (allopathic) programs granting a medical degree or accepted variant (i.e., MBBS, MB ChB)</li> <li>● Programs targeting medical <u>learners at the undergraduate level (i.e., medical students, clinical clerks) or postgraduate level (i.e., residents, interns, house staff, fellows)</u><del>students or residents or fellows</del></li> <li>● Programs delivered during undergraduate medical education (i.e., medical school) or postgraduate medical education (i.e., residency or fellowships)</li> <li>● Programs that describe teaching QI methodologies (e.g., Model for Improvement, Lean, Six Sigma)</li> <li>● Articles in English language</li> </ul>	<ul style="list-style-type: none"> <li>● Complementary or alternative medicine program (i.e., homeopathy, naturopathy)</li> <li>● Programs exclusively targeting non-physician health professional students (i.e., nursing, allied health)</li> <li>● Programs delivered prior to medical school or as a continuing medical education offering for practicing health professionals that did not involve medical learners</li> <li>● Programs that describe teaching interventions not related to QI (i.e., principles of Quality Assurance only)</li> <li>● Articles in languages other than English</li> </ul>