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Supplemental Digital Appendix 1

Standardized Search Strategy for Review of the Literature on Motivational Interviewing Training of Medical Students (all literature before March 2019)

PubMed/MEDLINE


PsycINFO

((exp Motivational Interviewing/ OR "motivational interview*".ab,ti.) OR (exp Motivation/ AND (exp Interviews/ OR exp Interviewing/))) AND (exp Medical Education/ OR exp Medical Students/ OR exp Curriculum/ OR exp Curriculum Development/ OR "medical student".ab,ti. OR "medical students".ab,ti. OR "med student".ab,ti. OR "med students".ab,ti. OR "medical school".ab,ti. OR "medical schools".ab,ti. OR "med school".ab,ti. OR "med schools".ab,ti. OR "undergraduate medical education".ab,ti. OR clerkship*.ab,ti. OR "teaching rounds".ab,ti. OR "medical education".ab,ti. AND student*.ab,ti.) OR ((curriculum*.ab,ti. OR course*.ab,ti. OR workshop*.ab,ti. OR train*.ab,ti. OR module*.ab,ti.) AND ((medicine.ab,ti. OR medical.ab,ti.) AND student*.ab,ti.)))

Web of Science (Core Collection)

TS="(motivational interview" OR "motivational interviews" OR "motivational interviewing") AND TS="(medical student" OR "undergraduate medical education" OR "medical school" OR (curriculum OR course OR workshop OR train OR module) AND ((medicine OR medical) AND (student OR school)))"
Supplemental Digital Appendix 2

Abstract Screening Checklist to Determine Inclusion in a Review of the Literature on Motivational Interviewing Training of Medical Students (all literature before July 2018)

**Population**

*Does this study look at medical students? YES/NO  
*If NO exclude*

**Intervention**

Does this study use Motivational Interviewing? YES/NO  
*If NO exclude*

Does this study train medical students to use Motivational Interviewing? YES/NO  
*If NO exclude*

Does this study include information regarding the content of the Motivational Interviewing training? YES/NO  
*If NO exclude*

**Outcomes**

Does this study include outcome measures related to the Motivational Interviewing training? YES/NO  
*If NO exclude*

Does this study isolate the outcomes for medical students? YES/NO  
*If NO exclude*
Supplemental Digital Appendix 3

Data Extraction Form Used to Analyze Data in Reports on Motivational Interviewing Training of Medical Students (all literature before July 2018)

First Author: ________________

Title: ________________

Year of Publication: ______

Country: ______

Search Method: □ Electronic search □ Hand search

Design □ Pre-post curriculum evaluation □ Randomized controlled trial
□ Quasi-experimental study □ Other

Population
- Number of students: ______
- Year of students: ______

Curriculum
- Hours: ______
- Number of sessions: ______

Pedagogical approach: □ Lecture/Didactic □ Discussion □ Homework
□ Role-play □ Standardized Patient Practice □ Feedback
□ Video/Demonstration □ Other:_________________

MI Skills
□ OARS □ Eliciting change talk □ Importance/confidence rulers
□ Goal Setting □ Informing/Advising □ Other:_________________

MI-related Outcomes
□ Reaction □ Knowledge □ Attitudes □ Self-Confidence
□ Skills □ Behavior Change □ Patient Outcomes
□ Other:_________________