Prereading for Webinar 3
PIECES of Systematic Reviews NNLM SCR Webinar series
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See: https://nnlm.gov/scr/training/systematic-review-series#

Webinar 3- Evaluation- screening tools

Topic: Evaluate - Screening tools
Date: Thursday, March 21, 2019
Time: 1-2:30pm CT / 12-1:30pm MT

There are 2 sections for this prereading. First, the main focus will be on screening tools, so there are links to tools you might consider and recent articles on those tools. Second, I have provided all of the database searches for the 2 cases we are looking at.

Screening tools and articles

Links to tools
- Rayyan: rayyan.qcri.org/
- Abstrackr: abstrackr.cebm.brown.edu/
- Covidence: www.covidence.org
- DistillerSR: www.evidencepartners.com/products/distillersr-systematic-review-software/
- EPPI Reviewer Web: eppi.ioe.ac.uk/CMS/Default.aspx?alias=eppi.ioe.ac.uk/cms/er4&
- CADIMA: https://www.cadima.info/

Articles on screening tools


Case Study 1:

Email to client 1: I have completed the searches for all of the databases that we discussed and uploaded the results into Rayyan. The searches are listed below for your records.

**Medline (OVID)**
Limited to English, and 2000-current retrieved 1076
1. exp DIABETES MELLITUS/
2. diabet*.ti,ab.
3. or/1-2
4. exp DEPRESSION/ or exp Depressive Disorder/
5. depress*.ti,ab.
6. exp SUICIDE/
7. suicid*.ti,ab.
8. or/4-7
9. exp Adolescent/
10. (adolescen* or teen* or ((high school or middle school or junior high) adj1 student*)).ti,ab.
11. or/9-10
12. 3 and 8 and 11

**Embase (OVID)**
1. exp DIABETES MELLITUS/
2. diabet*.ti,ab.
3. or/1-2
4. exp DEPRESSION/
5. depress*.ti,ab.
6. exp SUICIDE/
7. suicid*.ti,ab.
8. or/4-7
9. exp Adolescent/
10. (adolescen* or teen* or ((high school or middle school or junior high) adj1 student*)).ti,ab.
11. or/9-10
12. 3 and 8 and 11

**CINAHL Ebsco**
(MH "Diabetes Mellitus, Type 2") OR (MH "Diabetes Mellitus") OR TI diabet* OR AB diabet* AND 
(MH "Suicide") OR (MH "Depression") OR TI (suicid* or depress*) OR AB (suicid* or depress*) AND 
(MH "Students, High School") OR (MH "Adolescence") OR TI (adolescen* or teen* or ((high school or middle school or junior high) adj1 student*)) OR AB (adolescen* or teen* or ((high school or middle school or junior high) adj1 student*))
**PsycINFO Ebsco**

DE "Diabetes Mellitus" OR DE "Type 2 Diabetes" OR TI diabet* OR AB diabet*
AND (DE "Depression (Emotion)") OR (DE "Major Depression" OR DE "Anaclitic Depression" OR DE "Dysthymic Disorder" OR DE "Endogenous Depression" OR DE "Late Life Depression" OR DE "Postpartum Depression" OR DE "Reactive Depression" OR DE "Treatment Resistant Depression") OR TI depress* OR AB depress* OR DE "Suicide" OR DE "Attempted Suicide" OR DE "Suicidality" OR TI suicid* OR AB suicid*
AND ((DE "High School Students") OR (DE "Junior High School Students")) OR (DE "Middle School Students") OR TI (adolesc* or teen* or ((high school or middle school or junior high) adj1 student*)) OR AB (adolesc* or teen* or ((high school or middle school or junior high) adj1 student*))

**Eric Ebsco**

DE "Diabetes" OR TI diabet* OR AB diabet*
AND (DE "Depression (Psychology)") OR (DE "Suicide") OR TI (suicid* or depress*) OR AB (suicid* or depress*)
AND (DE "High School Students" OR DE "High School Freshmen") OR (DE "Junior High School Students" OR DE "Middle School Students") OR TI (adolesc* or teen* or ((high school or middle school or junior high) adj1 student*)) OR AB (adolesc* or teen* or ((high school or middle school or junior high) adj1 student*))
Case Study 2: Database searches

Email to client 2: I have completed the searches for all of the databases that we discussed and uploaded the results into Rayyan. The searches are listed below for your records.

**Medline Ovid**
1. DIABETES MELLITUS/ or exp DIABETES MELLITUS, TYPE 2/
2. diabet*.ti,ab.
3. or/1-2
4. exp DEPRESSION/ or exp Depressive Disorder/
5. depress*.ti,ab.
6. or/4-5
7. exp Exercise/
8. exp Physical Fitness/
9. exp SPORTS/
10. (exercise or sport*).ti,ab.
11. (physical adj2 (activit* or fitness)).ti,ab.
12. or/7-11
13. 3 and 6 and 12

**Embase Ovid March 21 2018**
1. exp diabetes mellitus/
2. diabet*.ti,ab.
3. or/1-2
4. exp DEPRESSION/
5. depress*.ti,ab.
6. or/4-5
7. exp Exercise/
8. exp fitness/
9. exp sport/
10. (exercise or sport*).ti,ab.
11. (physical adj2 (activit* or fitness)).ti,ab.
12. or/7-11
13. 3 and 6 and 12

**CINAHL ebsco**
( (MH "Diabetes Mellitus, Type 2") OR (MH "Diabetes Mellitus") ) OR TI diabet* OR AB diabet*
AND
(MH "Depression") OR TI depress* OR AB depress*
AND
( (MH "Sports") OR (MH "Exercise") OR (MH "Physical Fitness") ) OR TI ( (physical n2 (activit* or fitness)) or sport* or exercise ) OR AB ( (physical n2 (activit* or fitness)) or sport* or exercise )
PsycINFO Ebsco
DE "Diabetes Mellitus" OR DE "Type 2 Diabetes" OR TI diabet* OR AB diabet*
AND
(DE "Depression (Emotion)") OR (DE "Major Depression" OR DE "Anaclitic Depression" OR
DE "Dysthymic Disorder" OR DE "Endogenous Depression" OR DE "Late Life Depression" OR
DE "Postpartum Depression" OR DE "Reactive Depression" OR DE "Recurrent Depression" OR
DE "Treatment Resistant Depression") OR TI depress* OR AB depress*
AND
((DE "Exercise" OR DE "Aerobic Exercise" OR DE "Weightlifting" OR DE "Yoga") OR (DE
"Sports" OR DE "Baseball" OR DE "Basketball" OR DE "Extreme Sports" OR DE "Football" OR
DE "Judo" OR DE "Martial Arts" OR DE "Soccer" OR DE "Swimming" OR DE "Tennis" OR DE
"Weightlifting")) OR TI ( (physical n2 (activit* or fitness)) or sport* or exercise ) OR AB (physical n2 (activit* or fitness)) or sport* or exercise ) OR (DE "Physical Fitness")

Sport DISCUS (Ebsco)
DE "DIABETES" OR DE "ACETONEMIA" OR DE "DIABETES in children" OR DE "DIABETES in youth" OR DE "DIABETIC foot" OR DE "NON-insulin-dependent diabetes" OR DE "TYPE 1 diabetes" OR TI diabet* OR AB diabet*
AND
DE "MENTAL depression" OR TI depress* OR AB depress*
AND
(DE "EXERCISE" OR DE "AEROBIC exercises" OR DE "ANAEROBIC exercises" OR DE
"AQUATIC exercises" OR DE "BREATHING exercises" OR DE "BREEMA" OR DE
"CALISTHENICS" OR DE "CIRCUIT training" OR DE "COMPOUND exercises" OR DE
"COOLDOWN" OR DE "DO-in" OR DE "EXERCISE adherence" OR DE "EXERCISE for children" OR DE "EXERCISE for girls" OR DE "EXERCISE for adherence" OR DE "EXERCISE for men" OR DE "EXERCISE for middle-aged persons" OR DE "EXERCISE for older people" OR DE "EXERCISE for people with disabilities" OR DE "EXERCISE for women" OR DE "EXERCISE for youth" OR DE "EXERCISE therapy" OR DE "EXERCISE video games" OR DE "FALUN gong exercises" OR DE
"GYMNASTICS" OR DE "HATHA yoga" OR DE "LIANGONG" OR DE "METABOLIC equivalent" OR DE "MULAN quan" OR DE "MUSCLE strength" OR DE "PILATES method" OR DE
"PLYOMETRICS" OR DE "QI gong" OR DE "REDUCING exercises" OR DE "RUNNING" OR DE "RUNNING -- Social aspects" OR DE "SCHOOL exercises & recreations" OR DE
"STRENGTH training" OR DE "STRESS management exercises" OR DE "TAI chi" OR DE
"TREADMILL exercise" OR DE "WHEELCHAIR workouts" OR DE "YOGA") OR (DE
"PHYSICAL activity") OR TI ( (physical n2 (activit* or fitness)) or sport* or exercise ) OR AB (physical n2 (activit* or fitness)) or sport* or exercise ) OR (DE "Physical Fitness")