**Table of included studies and outcomes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref #** | **First author** | **Date** | **Topic** | **Decision Quality Outcomes** | **Decision Process Outcomes** | **Other Outcomes** |
| 1 | Allen | 2010 | Prostate cancer screening | KnowledgeConcordance | DCSCPS | Decision self-efficacyStage of decision making |
| 2 | Arterburn | 2011 | Bariatric surgery | KnowledgeConcordance | DCS | Decision self-efficacyPreferencePreferred choiceOutcomes expectancies |
| 3 | Berry | 2013 | Prostate cancer |  | DCS | ChoiceAcceptabilityAnxiety |
| 4 | Bjorklund | 2012 | Down Syndrome Screening | MMICKnowledge  | Experience with Information | ChoiceAttitude |
| 5 | Bozic | 2013 | Knee osteoarthritis | Knowledge |  | ChoiceSatisfactionStage of Decision making |
| 6 | Brazell | 2014 | Pelvic organ prolapse |  | DCS | ChoiceDecision Regret |
| 7 | Chabrera | 2015 | Prostate cancer | Knowledge | DCS | SatisfactionCoping |
| 8 | Chambers | 2012 | Influenza immunization |  |  | ChoiceConfidence |
| 9 | de Achaval | 2012 | Knee osteoarthritis  |  | DCS | Preferred choice |
| 10 | Evans | 2010 | Prostate cancer screening | Knowledge | DCS | ChoiceIntentionPreferenceAnxiety |
| 11 | Fagerlin | 2011 | Breast cancer prevention |  | DCS | ChoiceIntentionPreferenceRisk perception |
| 12 | Fraenkel | 2012 | Nonvalvular atrial fibrillation | KnowledgeRealistic expectations | DCS | ChoicePreferenceAnxietyDiscussion with Doctor |
| 13 | Hanson | 2011 | Assisted feeding options | KnowledgeRealistic expectations | DCS | ChoiceDecision regretSatisfactionDiscussion with doctor |
| 14 | Hess | 2012 | Cardiac stress testing | Knowledge | DCSOPTION | Choice SatisfactionTrust in Physician |
| 15 | Jibaja-Weiss | 2011 | Breast cancer surgery | Knowledge | DCS | ChoiceSatisfaction (2) |
| 16 | Knops | 2014 | Abdominal aortic aneurism | Knowledge | DCS | ChoiceAnxiety/DepressionQuality of life |
| 17 | Kupke | 2013 | Dental treatment | Knowledge |  | PreferenceSatisfaction |
| 18 | Kuppermann | 2014 | Prenatal genetic testing | KnowledgeRealistic expectations | DCS | ChoiceDecision Regret |
| 19 | Labrecque | 2010 | Vasectomy | Knowledge | DCS | Preferred choice |
| 20 | Lam | 2013 | Breast cancer surgery | Knowledge | DCSOPTIONPerceived decision making difficulties | ChoiceDecision RegretAnxiety/DepressionQuality of life |
| 21 | Langston | 2010 | Contraception |  |  | ChoiceAdherence |
| 22 | LeBlanc | 2015 | Osteoporosis | KnowledgeRealistic expectations | DCSOPTION | ChoiceAdherenceClinician DCSSatisfactionQoLDuration of encounter |
| 23 | Legare | 2012 | Antiobiotics for acute respiratory infection |  | DCSCPSPerceived decision quality | ChoiceIntentionDecision regret |
| 24 | Legare  | 2011 | Antiobiotics for acute respiratory infection |  | DCSCPS Perceived decision quality | AdherenceIntentionDecision regretDesire for shared decision making |
| 25 | Leighl | 2011 | Colorectal cancer chemotherapy | Knowledge | DCSCPS | ChoicePreferenceSatisfaction with decision aidSatisfaction with visitInformation styleAnxiety |
| 26 | Lepore | 2012 | Prostate cancer screening | KnowledgeConcordance | DCS | ChoicePreferenceAnxiety/Depression |
| 27 | Mann | 2010 | High cholesterol | KnowledgeRealistic expectation | DCS | AdherenceBeliefs about medicines |
| 28 | Marteau | 2010 | Diabetes screening |  |  | ChoiceIntentionSatisfaction |
| 29 | Mathers | 2012 | Diabetes | Knowledge  | DCSCPS | Preferred choicePerceived riskDecision regret |
| 30 | Mathieu | 2010 | Breast cancer screening | MMICKnowledge |  | ChoiceAttitudes |
| 31 | McCaffery | 2010 | Cervical cancer screening | Knowledge |  | Risk perceptionSatisfaction (2)Cancer screening questionnaireAnxietyWorrySelf esteemIntrusive thoughts |
| 32 | Miller | 2011 | Colorectal cancer screening |  | Stage of change | ChoicePreferred choice |
| 33 | Montori | 2011 | Osteoporosis | Knowledge | DCSOPTION | ChoiceAdherence (2)SatisfactionTrust in physician |
| 34 | Mott | 2014 | Mental health  |  |  | ChoicePreference |
| 35 | Myers | 2011 | Prostate cancer screening | Knowledge | DCSBraddock Informed Choice  | ChoicePreference |
| 36 | Raynes-Greenow | 2010 | Childbirth | KnowledgeConcordance | DCSCPS | ChoiceSatisfactionStage of decision makingAnxiety |
| 37 | Rubel | 2010 | Prostate cancer screening | Knowledge | DCSCPS | Preference (2)Risk perceptionAnxiety |
| 38 | Sawka | 2012 | Thyroid cancer | Knowledge | DCSCPS | ChoicePreferred choice |
| 39 | Schroy | 2011 | Colorectal cancer screening | KnowledgeConcordance |  | ChoicePreference (2)Satisfaction |
| 40 | Schwalm | 2012 | Coronary angiogram access | KnowledgeConcordance | DCS | ChoiceRisk perception |
| 41 | Sheridan | 2011 | Heart disease |  |  | ChoiceAdherence |
| 42 | Shourie | 2013 | MMR Vaccine | Knowledge | DCS | ChoiceCognitionsBeliefsAnxietyEngagement with decision aid |
| 43 | Smith | 2010 | Colorectal cancer screening | MMICKnowledge | DCSCPS | ChoicePreferenceDecision self-efficacyAnxietyWorry |
| 44 | Solberg | 2010 | Uterine fibroids | KnowledgeConcordance | Treatments offered | ChoicePreferenceSatisfaction |
| 45 | Stacey | 2014 | Knee Osteoarthritis  | KnowledgeConcordance | SURE scalePreparation for decision making scale | Choice |
| 46 | Steckelberg | 2011 | Colorectal cancer screening | MMICKnowledge |  | ChoicePreference |
| 47 | Taylor | 2006 | Prostate cancer screening | Knowledge | DCS | ChoiceIntention |
| 48 | van Peperstraten | 2010 | Fertility | Knowledge | Decision Evaluation ScalePerceived Knowledge | ChoiceSelf-efficacyAnxietyDepressionCost |
| 49 | Williams | 2013 | Prostate cancer screening |  | DCS | ChoiceSatisfactionDiscussion with doctor |

DCS=Decisional Conflict Scale; CPS=Control Preference Scale; MMIC=Multidimensional Measure of Informed Consent

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**2019 IPDAS Establishing Effectiveness Chapter Update REDCap Codebook**

Note: Data abstraction tool repeated the following variables to include up to 12 total instruments per published paper.

|  |  |  |
| --- | --- | --- |
| **Variable / Field Name** | **Field Label*****Field Note*** | **Field Attributes (Field Type, Validation, Choices, Calculations, etc.)** |
| coder\_initial | Coder Initial | [free text] |
| name\_inst | Section Header: *List of instruments. ONLY include measures that address one or more of the key outcomes. [author\_year] [paper\_title]*Instrument #1 Name(edit below only if needed) | [free text] |
| describe\_inst | Instrument #1 description (please provide details for items). Include #items, format of items, (T/F, open ended, Likert etc), subscales used (if named). | [free text] |
| dquality\_header | 1. Decision Quality Outcome | *header* |
| dq\_informed | Informed |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| dq\_realexpec | Realistic expectations |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| dq\_concr | Concordance |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| dq\_pref | Preference |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| dq\_choice | Choice |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| dprocess\_header | 2. Decision Process Measures(If survey gets at any of these issues then it can be considered to be a "process" measure) | *header* |
| decprocess\_recdec | Recognize decision |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| decprocess\_understand | Feel that understand options and outcomes |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| decprocess\_matters | Feel clear about what matters most |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| decprocess\_goals | Discuss goals with providers |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| decprocess\_involved | Involved in decision making |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| othercon | Other construct: this instrument is neither decision process nor decision quality |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| addl\_papers | 3. Additional studies that used instrument and/or validation reference that is/are cited in this paper. |

|  |  |
| --- | --- |
| 1 | Yes, cited |
| 0 | No, not cited |

 |
| decision\_type | 4. Medical Topic/Decision | [free text] |
| admin\_time\_measure | 5. Administration and timingMode of administration (paper, phone, computer, interviewer, etc.) and timing of administration | *header* |
| inst\_new | 6. New Instrument? |

|  |  |
| --- | --- |
| 1 | instrument developed for this study |
| 2 | instrument previously published (and/or adapted from published) |
| 3 | unclear |

 |
| inst\_quality | 7. Quality of instrument reported in this paper? |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| notes\_comments | 8. Notes and Comments | [free text] |
| develop\_header | Development Process | *header* |
| develop\_item | 9. Development Process (was any information on the item development included in the paper?)Examples: content, cognitive interviews, pilot testing, etc. |

|  |  |
| --- | --- |
| 1 | Reported |
| 2 | Nothing reported, but citation provided |
| 3 | Nothing reported |

 |
| develop\_itemdescription | Report item generationWas there information about how the content of the items was developed and by whom? |

|  |  |
| --- | --- |
| 1 | Yes reported |
| 0 | Not reported |

 |
| develop\_coginterview | Report cognitive interviewsWas the measure tested for understandability before use? |

|  |  |
| --- | --- |
| 1 | Yes reported |
| 0 | Not reported |

 |
| develop\_pilot | Report pilot testingWere pilot studies (of any type) conducted to pretest the measure? |

|  |  |
| --- | --- |
| 1 | Yes reported |
| 0 | Not reported |

 |
| report\_reliability | 10. Reliability:The instrument is reproducible and when appropriate internally consistent.Examples of reliability testing:(1) internal consistency reliability (e.g., Cronbach's alpha, Kuder-Richardson coefficient);(2) test-retest reliability;(3) interrater reliability (e.g., percentage agreement, kappa coefficient, intraclass correlation coefficient)Reported? |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| describe\_reliability | Describe type and result (Cronbach alpha, retest reliability, intraclass correlation coefficient, interrater reliability, etc.) | [free text] |
| report\_validity | 11. Validity:The extent to which the instrument assesses what is intended.Examples of validity tests:(1) content validity (e.g. Content Validity Index);(2) criterion-related validity (e.g. correlations to demonstrate con-current, predictive validity);(3) construct validity (e.g. factor analysis to demonstrate predicted convergence/divergence of constructs and/or structure invariance of the measure, discriminant analysis, known groups analysis).Reported? |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| describe\_validity | Describe type of validity test (Content Validity Index, correlations, predictive validity, discriminant analysis, etc.) | [free text] |
| report\_responsiveness | 12. Responsiveness:The instrument is sensitive to changes of importance to patients and clinicians.Examples: NAReported? |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| describe\_responsiveness | Describe type of analysis and result | [free text] |
| report\_precision | 13. Accuracy & Precision:What is known about the measure performance in comparison to gold-standard measures (accuracy) and /or the number of distinctions and extent of random error in use of the measure (precision)?Examples: NAReported? |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| describe\_precision | Describe type of analysis and result | [free text] |
| report\_interprete | 14. Interpretability:Evidence the scores are meaningful to clinicians and patients.Examples: NAReported? |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| describe\_interprete | Describe type of analysis and result | [free text] |
| report\_accept | 15. Acceptability:Are there any indicators of acceptability to respondents (usually patients, could include others)? Are there patterns to missing data or low response rates that could signal a problem with acceptability of the measure?Examples:(1) missing data patterns;(2) low response rate patternsNOTE: overall study response rates is not sufficient.Reported? |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| describe\_accept | Describe type of analysis and result | [free text] |
| report\_feasibility | 16. Feasibility:Are there indicators of the appropriateness of effort, burden, or disruption (of clinical or research team) required to administer the measure?Examples: NAReported? |

|  |  |
| --- | --- |
| 1 | Yes |
| 0 | No |

 |
| describe\_feasibility | Describe type of analysis and result | [free text] |
| comms\_ques\_inst | Comments or additional questions | [free text] |