

**Supplementary File 1 Example search strategy on MEDLINE via Ovid**

#	Search strategy
#1	Age.mp.
#2	Fear/
#3	Neoplasms/
#4	Recurrence/ or Neoplasm Recurrence, Local/
#5	(WORRY or concern or anxiety).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]
#6	(cancer or carcinoma).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]
#7	(progression or return or relapse or remit).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]
#8	(adult or adolescent or age*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]

## Supplementary File 2: Measures employed in selected studies comprising meta-analysis

The FCRI is a 42-item self-report scale which explores and evaluates seven aspects of a patient's fear of cancer recurrence, including triggers, severity, psychological distress, coping strategies, functioning impairments, insight and reassurance <sup>1</sup>. The FCRI-SF is a derivative scale which includes 9-items that were taken from the severity subscale of the FCRI <sup>2</sup>. The Cancer Worry Scale (CWS) is an 8-item scale which assesses the self-reported concerns a patient may have about their cancer returning <sup>3,4</sup>. FCR7 is a further brief method of measuring FCR in patients which was recently developed for use in oncology clinics at University of St Andrews <sup>5</sup>. The Concerns about Recurrence Scale (CARS) is a two part assessment of a patient's FCR which evaluates the overall fear of recurrence as well as the nature of the patient's fears regarding recurrence <sup>6</sup>. The Assessment of Survivor Concerns (ASC) is a short questionnaire, consisting of 6 items which address a cancer survivor's worries about cancer redeveloping <sup>7</sup>. The Fears of Progression Questionnaire-Short Form is a 12-item scale which is brief and reliable in measuring FCR/FOP <sup>8,9</sup>. MAX-PC was developed to assist with identifying and evaluating any cancer-related anxiety that may be exhibited by prostate cancer survivors <sup>10</sup>.

### References

1. Simard S, Savard J. Fear of Cancer Recurrence Inventory : development and initial validation of a multidimensional measure of fear of cancer recurrence. *Support Care Cancer* 2009;17:241-51.
2. Simard S, Savard J. Screening and comorbidity of clinical levels of fear of cancer recurrence. *J Cancer Surviv* 2015;9:481-91.
3. Custers AE, Bleiker EMA, Prins JB. The Cancer Worry Scale. *Cancer Nursing* 2014;37.
4. Custers JAE, Gielissen, M. F. M., Janssen, S. H. V., Wilt, J. H. W., Prins, J. B. Fear of cancer recurrence in colorectal cancer survivors. *Support Care Cancer* 2016;24:555-62.
5. Humphris GM, Watson E, Sharpe M, Ozakinci G. Unidimensional scales for fears of cancer recurrence and their psychometric properties : the FCR4 and FCR7. *Health and Quality Life Outcomes* 2018;16.
6. Vickberg SMJ, Ph D, Med AB. The Concerns About Recurrence Scale ( CARS ): A Systematic Measure of Women ' s Fears About the Possibility of Breast Cancer Recurrence. *Annals of Behavioural Medicine* 2003:16-24.
7. Gotay CC, Pagano IS. Assessment of Survivor Concerns ( ASC ): A newly proposed brief questionnaire. *Health and Quality Life Outcomes* 2007;5.
8. Herschbach P BP, Dankert A, et al. Fear of progression in chronic diseases: psychometric properties of the Fear of Progression Question- naire. *J Psychosom Res.* 2005;58:505-11.
9. Mehnert A, Herschbach P, Berg P, Henrich G, Koch U. Fear of progression in breast cancer patients - validation of the short form of the Fear of Progression Questionnaire (FoP-Q-SF). *Zeitschrift Fur Psychosomatische Medizin Und Psychotherapie* 2006;52(3):274-88.
10. Roth A, Nelson, C. J., Rosenfeld, B., Warchowski, A., O'Shea, N., Scher, H., Holland, J. C., Slovin, S., Curley-Smart, T., Reynolds, T., Breitbart, W. Assessing Anxiety in Men With Prostate Cancer : Further Data on the Reliability and Validity of the Memorial Anxiety Scale for Prostate Cancer ( MAX – PC ). *Psychomatics* 2006;47:340-47.