INPLASY PROTOCOL

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Support: No.

Review Stage at time of this submission: Data extraction.

Conflicts of interest: None declared.

Effectiveness of Symptom management based on Patient-Reported Outcomes of cancer Patients: A Systematic Review and meta analysis

Hang, L[1]; Zhang, JP[2]; Xiang, DY[3]; Wang, HF[4]; Xu, JM[5]; Chen YY[6]; Sun, XX[7]; Yin, Y[8]; Hu, J[9]; Xu, HY[10].

Review question / Objective: To pool high-quality from RCTs to systematically analyze and evaluate comprehensive evidence on the effects of symptom management based on epro (electronic patient self-reported outcome) interventions on anxiety, depression, symptom burden, readmission rate and quality of life in patients with cancer.

Condition being studied: Patients with any type of cancer, whether it's a cancer patient undergoing surgery and neoadjuvant therapy or a cancer patient undergoing chemoradiotherapy with drugscancer patients.

INPLASY registration number: This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 02 June 2023 and was last updated on 02 June 2023 (registration number INPLASY202360010).

INTRODUCTION

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METHODS

Search strategy: self-reported outcome':ab,kw,ti OR'epro':ab,kw,ti OR'pro':ab,kw,ti OR 'patient self-reported outcome':ab,kw,ti AND (cancer[Title/Abstract])OR (neoplasm[Title/Abstract]) OR(carcinoma[Title/Abstract]) OR(tumor[Title/Abstract])) AND ((symptom management)OR symptom OR (symptom assessment))) AND (((symptom management[Title/Abstract])OR symptom OR(symptom assessment))).

Participant or population: Patients with any type of cancer.

Intervention: Symptom management based on pro/epro.

Comparator: Usual care/ symptom management without using pro/epro.

Study designs to be included: RCT/cluster-RCT

Eligibility criteria: management symptom without using pro/epro,publication date earlier than year 2000.

Information sources: Embase,The Cochrane Library,scopus,pubmed,web of science.

Main outcome(s): Anxiety, depression, symptom burden, readmission rate and quality oflife.

Data management: Review manager, stata.

Quality assessment / Risk of bias analysis: We will assess risk of bias based on the parameters suggested by the Cochrane Collaboration (Higgins 2011).using

Strategy of data synthesis: We will analyze aggregate data. No narrative synthesis is currently planned.

Subgroup analysis: No analysis of subgroups is planned.

Sensitivity analysis: No analysis of Sensitivitysubgroups is planned.

Language restriction: English.

Country(ies) involved: China.

Keywords: symptom management,patient self-reported outcome, cancer, meta analysis.

Contributions of each author:
Author 1 - lin hang - Author 1 drafted the manuscript,write article,analyse data,search article and so on.
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