INTRODUCTION

Review question / Objective: The prevalence of suicidial ideation among hospitalized cancer patients in China.

Condition being studied: To our knowledge, this will be the first meta-analysis to evaluate the suicidal ideation among hospitalized cancer patients in China.

METHODS

Search strategy: The following search strategy was used with a combination of MesH and text word: (suicid* OR suicide (MesH) OR (suicid* ideation) OR suicidal ideation (MesH)) AND (Neoplasms (Mesh) OR Neoplasms OR cancer OR tumor) AND (inpatient OR in-patient OR inpatient* OR in-patient* OR hospital).
Participant or population: Hospitalized cancer patients.

Intervention: SI among Chinese cancer patients.

Comparator: None.

Study designs to be included: Observational studies.

Eligibility criteria: International Diagnostic Criteria for Cancer Patients.

Information sources: International electronic databases, including PubMed, and Embase, along with Chinese databases, Wanfang Data, China National Knowledge Infrastructure (CNKI), and Chongqing VIP were searched.

Main outcome(s): The pool prevalence of suicidal ideation among hospitalized cancer patients in China.

Quality assessment / Risk of bias analysis: Each study was assessed for its risk of bias by the Joanna Briggs Institute Meta-analysis of Statistics Assessment and Review Instrument (JBI-MAStARI).

Strategy of data synthesis: Statistical Analyses were performed using the R Programming Language (version 4.0).

Subgroup analysis: Subgroup analyses by gender, measuring tools, and area were performed to search for sources of heterogeneity.

Sensitivity analysis: After eliminating one study at a time, the remaining studies were combined to analyze the impact of individual studies on the combined results.

Country(ies) involved: China.

Keywords: Prevalence, Cancer patients, Suicidal ideation, Meta-analysis.

Contributions of each author:
Author 1 - Wu Minge.
Author 2 - Hu Deying.
Author 3 - Han Yanhong.
Author 4 - Mao Jing.
Author 5 - Liu Yilan.
Author 6 - Ding Xiaoping.
Author 7 - Zhang Yan.
Author 8 - Yu Ting.
Author 9 - Wang Jiaqing.