

Supplementary file 1

The effect of metformin use on gastric cancer in patients with type 2 diabetes: A systematic review and meta-analysis of cohort studies

Ghobad Abangah¹, Diana Sarokhani², Zahra Abdan³, Moloud Fakhri^{4*}, Hassan Nourmohammadi^{5*}

¹School of Medicine, Shahid Mostafa Khomaeini Hospital, Ilam University of Medical sciences, Ilam, Iran

²Research Center for Environmental Determinants of Health, School of Public Health, Kermanshah University of Medical Sciences, Kermanshah, Iran

³Clinical Research Development Center, Imam Reza Hospital, Kermanshah University of Medical Sciences, Kermanshah, Iran

⁴Traditional and Complementary Medicine Research Center, Addiction Institute, Mazandaran University of Medical Sciences, Sari, Iran

⁵Department of Internal Medicine, Shahid Mostafa Khomeini Hospital, Ilam University of Medical Sciences, Ilam, Iran

Table S1: Search strategy in databases.

| | |
|----------------|--|
| Scopus | TITLE-ABS-KEY (Cancer OR Neoplasm) AND TITLE-ABS-KEY (Metformin) AND TITLE-ABS-KEY (Stomach) AND TITLE-ABS-KEY (Diabetes) |
| Web of Science | TITLE: (Metformin) AND TITLE: (Cancer) OR TITLE: (Neoplasm) AND TITLE: (Stomach) AND TITLE: (Diabetes) |
| PubMed | (((Cancer[Title/Abstract] OR (Neoplasm[Title/Abstract])) AND (Metformin [Title/Abstract])) AND (Stomach [Title/Abstract]) AND (Diabetes [Title/Abstract])) |
| Cochrane | " Metformin " in Title Abstract Keyword AND " Stomach " in Title Abstract Keyword AND "Diabetes" in Title Abstract Keyword AND "Cancer" in Title Abstract Keyword OR "Neoplasm" in Title Abstract Keyword - in Trials (Word variations have been searched) |