APPENDIX B – Table S2: Detailed search strategy

Search strategy July 20, 2023
PUBMED: 634 articles
#1 "Diabetes Mellitus" [Mesh Terms] OR "Diabetes Mellitus, Type 2" [Mesh Terms] OR "Diabetes Mellitus, Noninsulin-Dependent" OR "Diabetes Mellitus, Ketosis-Resistant" OR "Diabetes Mellitus, Ketosis Resistant" OR "Ketosis-Resistant Diabetes Mellitus" OR "Diabetes Mellitus, Non Insulin Dependent" OR "Diabetes Mellitus, Non-Insulin-Dependent" OR "Non-Insulin-Dependent Diabetes Mellitus" OR "Diabetes Mellitus, Stable" OR "Stable Diabetes Mellitus" OR "Diabetes Mellitus, Type II" OR "NIDDM" OR "Diabetes Mellitus, Noninsulin Dependent" OR "Type 2 Diabetes Mellitus" OR "Noninsulin-Dependent Diabetes Mellitus" OR "Noninsulin Dependent Diabetes Mellitus" OR "Type 2 Diabetes" OR "Diabetes, Type 2"
#2 "Nutrition Therapy" [Mesh Terms] OR "Therapy, Nutrition"OR "Medical Nutrition Therapy"OR "Nutrition Therapy, Medical"OR "Therapy, Medical Nutrition"OR "Diet Therapy" [Mesh Terms] OR "Diet Therapies" OR "Therapy, Diet" OR "Diet Therapy, Restrictive" OR "Restrictive Diet Therapies" OR "Therapy, Restrictive Diet" OR "Restrictive Diet Therapy" OR "Restriction Diet Therapies" OR "Diet Therapies, Restriction" OR "Diet Therapy, Restriction" OR "Therapy, Restriction Diet" OR "Restriction Diet Therapy" OR "Dietary Restriction" OR "Dietary Restrictions" OR "Restriction, Dietary" OR "Dietary Modification" OR "Dietary Modifications" OR "Modification, Dietary" OR "Diet Modification" OR "Diet Modifications" OR "Modification, Diet"
#3 "Treatment Adherence and Compliance"[Mesh Terms] OR "Patient Compliance"[Mesh Terms] OR "Non-Compliance, Patient" OR "Patient Non Compliance" OR "Patient Noncompliance" OR "Noncompliance, Patient" OR "Patient Nonadherence" OR "Nonadherence, Patient" OR "Non-Adherent Patient" OR "Non Adherent Patient" OR "Non-Adherent Patients" OR "Patient, Non-Adherent" OR "Patient Non-Adherence" OR "Non-Adherence, Patient" OR "Patient Non Adherence"
#4 "Epidemiologic Studies"[MeSH] OR "case control"[TIAB] OR "case-control"[TIAB] OR ((case[TIAB] OR cases[TIAB]) AND (control[TIAB] OR controls[TIAB]) OR "cohort study"[TIAB] OR "cohort analysis"[TIAB] OR "follow up study"[TIAB] OR "follow-up study"[TIAB] OR "observational study"[TIAB] OR longitudinal[TIAB] OR retrospective[TIAB] OR "cross sectional"[TIAB] OR questionnaire[TIAB] OR questionnaires[TIAB] OR survey[TIAB]
("Diabetes Mellitus"[MeSH Terms] OR "diabetes mellitus, type 2"[MeSH Terms] OR "diabetes mellitus noninsulin dependent"[All Fields] OR ("diabetes mellitus, type 2"[MeSH Terms] OR "Type 2 Diabetes Mellitus"[All Fields] OR ("diabetes"[All Fields] AND "mellitus"[All Fields] AND "ketosis"[All Fields] AND "resistant"[All Fields])) OR ("diabetes mellitus, type 2"[MeSH Terms] OR "Type 2 Diabetes Mellitus"[All Fields] OR ("diabetes"[All Fields] AND "mellitus"[All Fields] AND "ketosis"[All Fields] AND "resistant"[All Fields])) OR "Ketosis-Resistant Diabetes Mellitus"[All Fields] OR "diabetes mellitus non insulin dependent"[All Fields] OR "diabetes mellitus non insulin dependent"[All Fields] OR "Non-Insulin-Dependent Diabetes Mellitus"[All Fields] OR "diabetes mellitus stable"[All Fields] OR "Stable Diabetes Mellitus"[All Fields] OR "diabetes mellitus type ii"[All Fields] OR "NIDDM"[All Fields] OR "diabetes mellitus noninsulin dependent"[All Fields] OR "Type 2 Diabetes Mellitus"[All Fields] OR "noninsulin dependent diabetes mellitus"[All Fields] OR "noninsulin dependent diabetes mellitus"[All Fields] OR "Type 2 Diabetes"[All Fields] OR "diabetes type 2"[All Fields]) AND ("Nutrition Therapy"[MeSH Terms] OR "therapy nutrition"[All Fields] OR "Medical Nutrition Therapy"[All Fields] OR "nutrition therapy medical"[All Fields] OR "therapy medical nutrition"[All Fields] OR "Diet Therapy"[MeSH Terms] OR "Diet Therapies"[All Fields] OR "therapy diet"[All Fields] OR ("Diet Therapy"[MeSH Terms] OR ("diet"[All Fields] AND "therapy"[All Fields]) OR "Diet Therapy"[All Fields] OR ("diet"[All Fields] AND "therapy"[All Fields] AND "restrictive"[All Fields])) OR "Restrictive Diet Therapies"[All Fields] OR ("Diet Therapy"[MeSH Terms] OR ("diet"[All Fields] AND "therapy"[All Fields]) OR "Diet Therapy"[All Fields] OR ("therapy"[All Fields] AND "restrictive"[All Fields] AND "diet"[All Fields])) OR "Restrictive Diet Therapy"[All Fields] OR ("Diet Therapy"[MeSH Terms] OR ("diet"[All Fields] AND "therapy"[All Fields]) OR "Diet Therapy"[All Fields] OR ("restriction"[All Fields] AND "diet"[All Fields] AND "therapies"[All Fields])) OR ("Diet Therapy"[MeSH Terms] OR ("diet"[All Fields] AND "therapy"[All Fields]) OR "Diet Therapy"[All Fields] OR ("diet"[All Fields] AND "therapies"[All Fields] AND "restriction"[All Fields])) OR ("Diet Therapy"[MeSH Terms] OR ("diet"[All Fields] AND "therapy"[All Fields]) OR "Diet Therapy"[All Fields] OR ("diet"[All Fields] AND "therapy"[All Fields] AND "restriction"[All Fields])) OR ("Diet Therapy"[MeSH Terms] OR ("diet"[All Fields] AND "therapy"[All Fields]) OR "Diet Therapy"[All Fields] OR ("therapy"[All Fields] AND "restriction"[All Fields] AND "diet"[All Fields])) OR "Restriction Diet Therapy"[All Fields] OR "Dietary Restriction"[All Fields] OR "Dietary Restrictions"[All Fields] OR "restriction dietary"[All Fields] OR "Dietary Modification"[All Fields] OR "Dietary Modifications"[All Fields] OR "modification dietary"[All Fields] OR "Diet Modification"[All Fields] OR "Diet Modifications"[All Fields] OR "modification diet"[All Fields]) AND ("Treatment Adherence and Compliance"[MeSH Terms] OR "Patient Compliance"[MeSH Terms] OR "non compliance patient"[All Fields] OR "Patient Non Compliance"[All Fields] OR "Patient Noncompliance"[All Fields] OR "noncompliance patient"[All Fields] OR "Patient Nonadherence"[All Fields] OR "nonadherence patient"[All Fields] OR "non adherent patient"[All Fields] OR "non adherent patient"[All Fields] OR "Non-Adherent Patients"[All Fields] OR "patient non adherent"[All Fields] OR "patient non adherence"[All Fields] OR "non adherence patient"[All Fields] OR "patient non adherence"[All Fields]) AND ("Epidemiologic Studies"[MeSH Terms] OR "case-control"[Title/Abstract] OR "case-control"[Title/Abstract] OR (("case"[Title/Abstract] OR "cases"[Title/Abstract]) AND ("control"[Title/Abstract] OR "controls"[Title/Abstract])) OR "cohort study"[Title/Abstract] OR "cohort analysis"[Title/Abstract] OR "follow-up study"[Title/Abstract] OR "follow-up study"[Title/Abstract] OR "observational study"[Title/Abstract] OR "longitudinal"[Title/Abstract] OR "retrospective"[Title/Abstract] OR "cross sectional"[Title/Abstract] OR "questionnaire"[Title/Abstract] OR "questionnaires"[Title/Abstract] OR "survey"[Title/Abstract])
COCHRANE Library (CENTRAL): 120 articles

ID	Search	Hits
#1	MeSH descriptor: [Diabetes Mellitus] explode all trees	35722
#2	MeSH descriptor: [Diabetes Mellitus, Type 2] explode all trees	20291
#3	#1 OR #2	35722
#4	MeSH descriptor: [Nutrition Therapy] explode all trees	10429
#5	MeSH descriptor: [Diet Therapy] explode all trees	6655
#6	#4 OR #5	10429
#7	MeSH descriptor: [Treatment Adherence and Compliance] explode all trees	30383
#8	MeSH descriptor: [Patient Compliance] explode all trees	12720
#9	#7 OR #8	30383
#10	#3 AND #6 AND #9	120

EMBASE: 1513 articles

#1 'diabetes mellitus'/exp OR 'non insulin dependent diabetes mellitus'/exp
#2 'diet therapy'/exp
#3 'patient compliance'/exp
#4 'clinical study'/exp OR 'cohort analysis'/exp OR 'case control':ab,ti OR 'case-control':ab,ti OR ((case:ab,ti OR cases:ab,ti) AND (control:ab,ti OR controls:ab,ti)) OR 'cohort study':ab,ti OR 'cohort analysis':ab,ti OR 'follow up study':ab,ti OR 'follow-up study':ab,ti OR 'observational study':ab,ti OR longitudinal:ab,ti OR retrospective:ab,ti OR 'cross sectional':ab,ti OR questionnaire:ab,ti OR questionnaires:ab,ti OR survey:ab,ti OR 'epidemiological study':ab,ti
#5 #1 AND #2 AND #3 AND #4 1513 estudos
Formato RIS: nutrição-DM.embase1 (0-500)
 nutrição-DM.embase2 (501-1000)
 nutrição-DM.embase3 (1001-1500)
 nutrição-DM.embase4 (1501-1513)

Virtual Health Library (recovered databases: LILACS, MEDLINE, BDENF - Nursing, CVSP - Brazil) - 1.446 articles

tw:(tw:((tw:("Diabetes mellitus")) AND (tw:("Dieta" OR "Diet" OR "Dieta Saudável" OR "Diet, Healthy")) AND (tw:("Cooperação e Adesão ao Tratamento" OR "Treatment Adherence and Compliance" OR "Treatment Adherence and Compliance" OR "Adesão à Medicação" OR "Medication Adherence" OR "Cumplimiento de la Medicación" OR "Cooperação do Paciente" OR "Patient Compliance" OR "Cooperación del Paciente")))) AND (collection:("06-national/BR" OR "05-specialized")