

## Search Strategy

Electronic Bibliographic Databases	Search Strateg Date = 07/01/2017	Recovered Studies
Medline(Pubmed)	<p>((((((((((((((((Diabetic Ketoacidosis[MeSH Terms]) OR Diabetes Mellitus, Type 1[MeSH Terms]) OR Diabetes Mellitus, Insulin*Dependent[Text Word]) OR Insulin-Dependent Diabetes Mellitus[Text Word]) OR Juvenile-Onset Diabetes Mellitus[Text Word]) OR Type 1 Diabetes Mellitus[Text Word]) OR Sudden-Onset Diabetes Mellitus[Text Word]) OR Diabetes Mellitus, Type I[Text Word]) OR IDDM[Text Word]) OR Insulin*Dependent Diabetes Mellitus 1[Text Word]) OR Juvenile*Onset Diabetes[Text Word]) OR Brittle Diabetes Mellitus[Text Word]) OR Ketosis-Prone Diabetes Mellitus[Text Word]) OR Diabetes, Autoimmune[All Fields] AND Text Word) OR Autoimmune Diabetes[Text Word]) NOT diabetes insipidus[MeSH Terms]) AND ((((((Insulin, Isophane[MeSH Terms]) OR Isophane Insulin[Text Word]) OR NPH Insulin[Text Word]) OR NPH[Text Word]) OR Protamine Hagedorn Insulin[Text Word]) OR Neutral Protamine Hagedorn Insulin[Text Word])) OR ((((((LY2963016 insulin glargine [Supplementary Concept]OR glargine[Text Word]) OR lantus[Text Word]) OR insulin glargine[Text Word]) OR HOE*901[Text Word])) OR "Insulin, Long-Acting"[Mesh]) AND (((((((((((((((((((("quality of life"[MeSH Terms]) OR "quality of life"[Text Word]) OR "life qualities"[Text Word]) OR "life quality"[Text Word]) OR "health related quality of life"[Text Word]) OR "qol"[Text Word]) OR "hr qol"[Text Word]) OR "hrqol"[Text Word]) OR (("quality of well being scale self administered"[Text Word]) OR "quality of well being scale self administered qwb sa"[Text Word])) OR "qwb-sa"[Text Word]) OR "euroqol"[Text Word]) OR "eq 5d"[Text Word]) OR "eq 5d 3l"[Text Word]) OR "the medical outcomes study 36 item short form health survey"[Text Word]) OR "sf 36"[Text Word]) OR "world health organization quality of life"[Text Word]) OR ("whoqol"[Text Word] OR "whoqol 100"[Text Word] OR "whoqol bref"[Text Word] OR "whoqol bref questionnaire"[Text Word])) OR "quality adjusted life years"[Text Word]) OR "qalys"[Text Word]) OR "nottingham health profile"[Text Word]) OR ("sickness impact profile"[Text Word] OR "sickness impact profile sip"[Text Word])) OR "dartmouth coop"[Text Word]) OR "hrql"[Text Word]) OR "health utilities index"[Text Word]) OR "hui"[Text Word]) OR "short form 6d"[Text Word]) OR "sf 6d"[Text Word]) OR ("diabetes 39"[Text Word] OR "diabetes 39 questionnaire"[Text Word])) OR ("diabetes quality of life measure"[Text Word] OR "diabetes quality of life questionnaire"[Text Word])) OR "dqol"[Text Word]) OR ("audit of diabetes dependent quality of life"[Text Word] OR "audit of diabetes dependent quality of life addq"[Text Word])) OR ("addqol"[Text Word] OR "addqol questionnaire"[Text Word])) OR "diabetes attitude scale"[Text Word]) OR "diabetes knowledge test"[Text Word]) OR ("diabetes empowerment scale"[Text Word] OR "diabetes empowerment scale short"[Text Word] OR "diabetes empowerment scale short form"[Text Word])) OR ("michigan neuropathy screening instrument"[Text Word] OR "michigan neuropathy screening instrument questionnaire"[Text Word])) OR ("diabetes treatment satisfaction questionnaire"[Text Word] OR "diabetes treatment satisfaction questionnaire score"[Text Word] OR "diabetes treatment satisfaction questionnaire scores"[Text Word] OR "diabetes treatment satisfaction questionnaire status"[Text Word] OR "diabetes treatment satisfaction questionnaire status version"[Text Word]))</p>	259
EMBASE	<p>#1'diabetic ketoacidosis/exp OR 'acidosis, diabetic' OR 'diabetes acidosis' OR 'diabetes ketoacidosis' OR 'diabetes ketosis' OR 'diabetic acidosis' OR 'diabetic ketosis' OR 'insulin dependent diabetes mellitus'/exp OR 'brittle diabetes' OR 'brittle diabetes mellitus' OR 'diabetes mellitus type 1' OR 'diabetes mellitus type i' OR 'diabetes mellitus, insulin-dependent' OR 'diabetes mellitus, type 1' OR 'diabetes mellitus, type i' OR 'diabetes mellitus, brittle' OR 'diabetes mellitus, insulin dependent' OR 'diabetes mellitus, juvenile onset' OR 'diabetes type 1' OR 'diabetes type i' OR 'diabetes, juvenile' OR 'dm 1' OR 'early onset diabetes mellitus' OR 'iddm' OR 'insulin dependent diabetes' OR 'juvenile diabetes' OR 'juvenile diabetes mellitus' OR 'juvenile onset diabetes' OR 'juvenile onset diabetes mellitus' OR 'ketoacidotic diabetes' OR 'labile diabetes mellitus' OR 'type 1 diabetes' OR 'type 1 diabetes mellitus' OR 'type i diabetes' OR 'type i diabetes mellitus' #2 'isophane insulin'/exp OR 'nph' #3 'insulin glargine'/exp OR 'abasaglar' OR 'abasria' OR 'basaglar' OR 'glargine insulin' OR 'hoe 901' OR 'hoe901' OR 'insulin glargine recombinant' OR 'insulin [a21 glycine b31 arginine b32 arginine]' OR 'lantus' OR 'lantus solostar' OR 'ly 2963016' OR 'ly2963016' OR 'optisulin' OR 'optisulin depot' OR 'optisulin long' OR 'toujeo' #4 'quality of life'/exp OR 'health related quality of life' OR 'hrql' OR 'life quality' OR 'qol' OR 'hrqol' OR 'quality adjusted life year'/exp OR 'qaly' OR 'quality adjusted life years' OR 'quality-adjusted life years' OR 'euroqol' OR 'eq 5d' OR 'eq 5d 3l' OR 'short form 36'/exp OR '36 item short form health survey' OR 'sf-36' OR 'sf36' OR 'short form 36 health survey' OR 'world health organization quality of life' OR 'whoqol' OR 'whoqol bref' OR 'hui' OR 'diabetes 39' OR 'dqol' OR 'addqol' OR 'diabetes treatment satisfaction questionnaire' #1 AND #2 AND #3 AND #4</p>	249

#1 MeSH descriptor: [Diabetic Ketoacidosis] explode all trees #2 MeSH descriptor: [Diabetes Mellitus, Type 1] explode all trees #3 Diabetes Mellitus, Insulin\$Dependent (Word variations have been searched) #4 Insulin-Dependent Diabetes Mellitus (Word variations have been searched) #5 Sudden-Onset Diabetes Mellitus (Word variations have been searched) #6 Diabetes Mellitus, Type I (Word variations have been searched) #7 Insulin\$Dependent Diabetes Mellitus 1 (Word variations have been searched) #8 Brittle Diabetes Mellitus (Word variations have been searched) #9 Ketosis-Prone Diabetes Mellitus (Word variations have been searched) #10 Diabetes, Autoimmune (Word variations have been searched) #11 Autoimmune Diabetes (Word variations have been searched) #12 insulin\$\* depend\$ (Word variations have been searched) #13 Type 1 Diabetes Mellitus (Word variations have been searched) #14 Juvenile-Onset Diabetes Mellitus (Word variations have been searched) #15 Type 1 Diabetes Mellitus (Word variations have been searched) #16 {or #1-#15} #17 MeSH descriptor: [Insulin, Long-Acting] explode all trees #18 glargine (Word variations have been searched) #19 lantus (Word variations have been searched) #20 insulin glargine (Word variations have been searched) #21 HOES901 (Word variations have been searched) #22 {or #17-#21} #23 MeSH descriptor: [Insulin, Isophane] explode all trees #24 Isophane Insulin (Word variations have been searched) #25 NPH (Word variations have been searched) #26 Protamine Hagedorn Insulin (Word variations have been searched) #27 Neutral Protamine Hagedorn Insulin (Word variations have been searched) #28 {or #23-#27} #29 {and #22, #28} #30 MeSH descriptor: [Quality of Life] explode all trees #31 Life Qualities (Word variations have been searched) #32 Life Quality (Word variations have been searched) #33 QOL (Word variations have been searched) #34 HRQOL (Word variations have been searched) #35 QWB (Word variations have been searched) #36 Quality of Well Being Scale (Word variations have been searched) (Word variations have been searched) #37 EuroQol (Word variations have been searched) #38 EQ-5D (Word variations have been searched) #39 The Medical Outcomes Study 36-item Short-Form Health Survey (Word variations have been searched) #40 SF-36 (Word variations have been searched) #41 World Health Organization Quality of Life (Word variations have been searched) #42 WHOQOL (Word variations have been searched) #43 WHOQOL-100 (Word variations have been searched) #44 WHOQOL-Bref (Word variations have been searched) #45 Quality-Adjusted Life Years (Word variations have been searched) #46 QALYs (Word variations have been searched) #47 Nottingham Health Profile (Word variations have been searched) #48 The Dartmouth Primary Care Cooperative Information Project (Word variations have been searched) #49 Health Utilities Index (Word variations have been searched) #50 The Medical Outcomes Study 36-Item Short Form (Word variations have been searched) #51 The EuroQol Instrument (Word variations have been searched) #52 McMaster Health Index Questionnaire (Word variations have been searched) #53 Short-Form 6 dimensions (Word variations have been searched) #54 SF-6D (Word variations have been searched) #55 Diabetes-39 (Word variations have been searched) #56 The 20-Item Short Form Health Survey (Word variations have been searched) #57 SF-20 (Word variations have been searched) #58 Diabetes Care Profile (Word variations have been searched) #59 Diabetes Quality of Life Measure (Word variations have been searched) #60 Diabetes Mellitus Knowledge (Word variations have been searched) #61 Diabetes-Specific Quality-of-life Scale (Word variations have been searched) #62 Diabetes Health Profile (Word variations have been searched) #63 Diabetes Impact Measurement Scales (Word variations have been searched) #64 Appraisal of Diabetes Scale (Word variations have been searched) #65 Audit of Diabetes-Dependent Quality of Life (Word variations have been searched) #66 ADDQoL (Word variations have been searched) #67 Questionnaire on Stress in Patients with Diabetes- Revised (Word variations have been searched) #68 Questionnaire on Stress in Patients with Diabetes (Word variations have been searched) #69 Well-Being Enquiry for Diabetics (Word variations have been searched) #70 Problem Areas in Diabetes (Word variations have been searched) #71 Diabetes Attitudes Questionnaires (Word variations have been searched) #72 Diabetes Fear of Injecting (Word variations have been searched) #73 Self-Testing Questionnaire (Word variations have been searched) #74 Insulin Treatment Satisfaction Questionnaires (Word variations have been searched) #75 Impact of Child Illness (Word variations have been searched) #76 Patient Satisfaction with Insulin Therapy Questionnaire (Word variations have been searched) #77 Diabetes Quality of Life for Youth Scale (Word variations have been searched) #78 DQOLY (Word variations have been searched) #79 Diabetes Attitude Scale (Word variations have been searched) #80 Diabetes Knowledge Test (Word variations have been searched) #81 Diabetes Empowerment Scale (Word variations have been searched) #82 Diabetes Family Behavior Scale (Word variations have been searched) #83 Diabetic Foot Ulcer Scale (Word variations have been searched) #84 Hypoglycemia Fear Survey (Word variations have been searched) #85 Michigan Neuropathy Screening Instrument (Word variations have been searched) #86 Norfolk QOL-DN (Word variations have been searched) #87 Insulin Management Diabetes Self-efficacy (Word variations have been searched) #88 Diabetes Treatment Satisfaction Questionnaire (Word variations have been searched) #89 {or #30-#88} #90 {and #16, #22, #28, #88}

((mh:"Diabetes Mellitus Tipo 1" AND "Cetoacidose Diabética") OR (tw:dmid OR dmt1 OR (diabet\$ tip\$I) OR (diabet\$ tip\$1) OR (diabet\$ tip\$ I) OR (diabet\$ tip\$ 1) OR (Diabetes Auto-Imune) OR (C18.452.394.750.124) OR (C19.246.267) OR (C20.111.327) OR (Diabetes Mellitus Instável) OR (Diabetes Mellitus Insulino-Dependente) OR (Diabetes Mellitus Dependente de Insulina) OR (Diabetes Mellitus de Início na Juventude) OR (Diabetes Mellitus com Tendência à Cetose) OR (Diabetes Mellitus de Início Súbito))) [Palavras] [Palavras] and ("Insulina" OR "Insulina NPH" OR D06.472.699.587.200.500.625 OR D12.644.548.586.200.500.625 OR D06.472.699.587.200.300.200 OR D12.644.548.586.200.300.200) OR (tw: glargin\$ OR insulin\$ OR isofan\$ OR nph OR isophane

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OR detemir) OR (ti: glargin\$ OR insulin\$ OR isofan\$ OR nph OR isophane OR detemir) OR (ab: glargin\$ OR insulin\$ OR isofan\$ OR nph OR isophane OR detemir) [Palavras] [Palavras] and((((((((((((((((((((("QUALITY OF LIFE" ) or "QOL" ) or "QL" ) or "HRQL" ) or "HRQOL" ) or "EUROQOL" ) or "EUROQOL-5D" ) or "EQ-5D" ) or "SF-36" ) or "WHOQOL" or "WHOQOL--BREF" or "WHOQOL-100" or "WHOQOL-ABREVIADO" or "WHOQOL-BREVE" ) or "QUALITY-ADJUSTED LIFE YEARS" ) or "QALYS" ) or "SICKNESS IMPACT PROFILE" ) or "SIP" ) or "D-39" ) or "DQOL" ) or "DKN-A" ) or "ADDQOL" ) or "PAID" ) or "ATT-19" ) or "DFS" ) or "HFS" ) or "MNSI" ) or "IMDSES" ) or "WED"

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Total Studies

634

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