Bilaga 6 Sökstrategier

Innehållsförteckning

Pubmed via NLM 23 Oct 2012. Insulin Pump OR Continuous Glucose Monitoring (CGM)-Infants

Pubmed via NLM 23 October 2012
Title: Insulin Pump OR Continuous Glucose Monitoring (CGM)-Infants

	Search terms	Items found
Intervention: Insulin pump OR CGM		
1.	insulin pump*[tiab] OR insulin infusion pump*[tiab] OR implantable pump*[tiab] OR implanted pump*[tiab] OR "continuous subcutaneous insulin infusion"[tiab] OR "continuous subcutaneous insulin infusions"[tiab] OR CSII[tiab] OR ((Infusion Pumps[mesh] OR infusion pump*[tiab] OR pump therapy[tiab]) AND ("Insulin"[Mesh] OR Insulin*[tiab])) OR sensor-augmented pump*[tiab] OR patch pump*[tiab] OR "Insulin Infusion Systems"[Mesh] OR omnipod*[tiab] OR accu-check*[tiab] OR accucheck*[tiab] OR accuchek*[tiab] OR dana[tiab] OR animas*[tiab] OR (Paradigm*[tiab] AND Medtronic[tiab]) OR ("Monitoring, Ambulatory"[Mesh:NoExp] AND "Blood Glucose"[Mesh]) OR "continuous glucose monitoring"[tiab] OR "continuous glucose monitor"[tiab] OR "continuous blood glucose monitoring"[tiab] OR "cgm"[Title/Abstract] OR "cgms"[Title/Abstract] OR "Guardian RT"[Title/Abstract] OR "Freestyle Navigator"[tiab]	
Study types: Clinical trials OR Observational studies		
2.	"Meta-Analysis" [Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta analy*[tiab] OR metaanaly*[tiab] OR metanaly*[tiab] OR systematic review*[tiab] OR systematic overview*[tiab] OR "systematic literature"[tiab] OR Pubmed[tiab] OR cochrane[tiab] OR medline[tiab] OR embase[tiab] OR psychlit[tiab] OR psyclit[tiab] OR psychinfo[tiab] OR psycinfo[tiab] OR cinahl[tiab] OR cinhal[tiab] OR reference list*[tiab] OR bibliograph*[tiab] OR hand-search*[tiab] OR "relevant journals"[tiab] OR manual search*[tiab] OR (("selection criteria"[tiab] OR "data extraction"[tiab]) AND "review"[Publication Type]) OR "Randomized Controlled Trials as Topic"[Mesh] OR "Randomized Controlled Trial" [Publication Type] OR "Random Allocation"[Mesh] OR "Double-Blind Method"[Mesh] OR "Single-Blind Method"[Mesh] OR "Clinical Trial" [Publication Type] OR "Clinical Trials as Topic"[Mesh] OR Random*[tiab] OR RCT*[tiab] OR Clinical trial*[tiab] OR "Placebos"[Mesh] OR placebo*[tiab] OR single blind*[tiab] OR double blind*[tiab] OR single mask*[tiab] OR double mask*[tiab] OR "Cohort Studies"[Mesh] OR cohort*[tiab] OR observational*[tiab] OR "follow up"[tiab] OR "longitudinal"[tiab] OR "retrospective"[tiab] OR prospective[tiab]	
Limits: Infants AND Publication date AND Language AND Publication Type		
3.	"Infant"[Mesh] OR infant*[tiab] OR toddler*[tiab] OR newborn*[tiab] OR neonat*[tiab]	
4.	comment[Publication Type] OR "Editorial" [Publication Type] OR "Letter" [Publication Type] OR "Case Reports" [Publication Type] OR "Historical Article" [Publication Type]	
5.	Filters activated: Publication date from 1995/01/01, English, Danish, Norwegian, Swedish, German	
Combined sets		
	((1 AND 2 AND 3) NOT 4) AND 5	**129**

The search result found at the end of the documentation, forms the list of abstracts

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy
[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy
[MAJR] = MeSH Major Topic
[TIAB] = Title or abstract
[TI] = Title
[AU] = Author
[TW] = Text Word
Systematic[SB] = Filter for retrieving systematic reviews
* = Truncation
" " = Citation Marks; searches for an exact phrase

Cinahl via EBSCO 25 Oct 2012. Insulin Pump OR Continuous Glucose Monitoring (CGM) – Infants

Cinahl via EBSCO 25 October 2012		
Title: Insulin Pump OR Continuous Glucose Monitoring (CGM) – Infants		
	Search terms	**Items found**
Intervention: Insulin pump OR CGM		
1.	TI ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic) OR "continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR AB ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic) OR "continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR ((MH "Infusion Pumps" OR MH "Infusion Pumps, Implantable" OR TI (infusion N3 pump*) OR AB (infusion N3 pump*) OR TI "pump therapy" OR AB "pump therapy") AND (MH "Insulin" OR TI "Insulin*" OR AB "Insulin*")) OR MH "Insulin Infusion Systems"	
Study types: Clinical trials OR Observational studies		
2.	(PT systematic review OR PT meta analysis OR MH "Systematic Review" OR MH "Meta Analysis" OR TI(meta-analy* or metaanaly* or metanal*) OR AB (meta-analy* or metaanaly* or metanal*) OR TI(systematic w1 (review# or overview# or literature#)) OR AB(systematic w1 (review# or overview# or literature)) OR TI (pubmed OR cochrane OR medline OR embase OR psychlit OR psyclit OR psychinfo OR psycinfo OR cinahl OR cinhal) OR AB (pubmed OR cochrane OR medline OR embase OR psychlit OR psyclit OR psychinfo OR psycinfo OR cinahl OR cinhal) OR AB (reference W1 list*) OR AB bibliograph* OR AB (hand-search*) OR AB "relevant journals" OR AB (manual W1 search*) OR ((AB "selection criteria" OR AB "data extraction") AND PT review)) OR (PT Randomized Controlled Trial OR PT Clinical trial OR MH "Clinical Trials+" OR MH "Random Assignment" OR MH "Placebos" OR TI (random* OR RCT* OR (clinic* N3 trial*) OR placebo* OR ((singl* or doubl*) N1 (blind* or mask*))) OR AB (random* OR RCT* OR (clinic* N3 trial*) OR placebo* OR ((singl* or doubl*) N1 (blind* or mask*)))) OR (MH "Prospective Studies" OR MH "Correlational studies" OR MH "Nonconcurrent prospective studies" OR MH "Retrospective Design" OR MH "Observational Methods" OR TI (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective") OR AB (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective"))	
Limits: Infants AND Publication date AND Languages		
3.	MH "Infant" OR TI (infant* OR toddler* OR neonat* OR newborn*) OR AB (infant* OR toddler* OR neonat* OR newborn*)	
4.	Limiters - Published Date from: 19950101-; Language: Danish, English, German, Norwegian, Swedish; Publication Type: Journal Article	
Combined sets		
	1 AND 2 AND 3 AND 4	**32**

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AB = Abstract
MH = Term from the "Cinahl Headings" thesaurus
TI = Title
TX = All Text. Performs a keyword search of all the database's searchable fields
PT = Publication Type
* = Truncation
# = An alternate spelling may contain an extra character
? = EBSCOhost finds all citations of that word with the ? replaced by a letter
Nn = : Proximity operator. Terms must appear within n words of each other in any order, e.g. N3
Wn = Proximity operator. Terms must appear within n words of each other in a given order, e.g. W3

" " = Citation Marks; searches for an exact phrase

PsycInfo via EBSCO 25 Oct 2012. Insulin Pump OR Continuous Glucose Monitoring (CGM) – Infants

PsycInfo via EBSCO 25 October 2012		
Title: Insulin Pump OR Continuous Glucose Monitoring (CGM) – Infants		
	Search terms	**Items found**
Intervention: Insulin pump OR CGM		
1.	TI ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic) OR "continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR AB ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic) OR "continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR KW ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic) OR "continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator")	
Study types: Clinical trials OR Observational studies		
2.	TX ((systematic W1 (review# or overview# or literature#)) OR meta-analy* OR metaanaly* OR metanal* OR pubmed OR cochrane OR medline OR embase OR psyclit OR cinahl OR cinhal) OR AB ((reference W1 list*) OR bibliograph* OR (hand-search*) OR "relevant journals" OR (manual W1 search*)) OR ((AB "selection criteria" OR AB "data extraction") AND MR literature review) OR DE "Treatment Effectiveness Evaluation" OR DE "Clinical Audits" OR DE "Random Sampling" OR DE "Clinical Trials" OR DE "Placebo" OR TI ((clinical N3 trial#) OR "random*" OR "RCT*" OR ((singl* or doubl*) N2 (blind* or mask*)) OR "placebo*") OR AB ((clinical N3 trial#) OR "random*" OR "RCT*" OR ((singl* or doubl*) N2 (blind* or mask*)) OR "placebo*") OR KW ((clinical N3 trial#) OR "random*" OR "RCT*" OR ((singl* or doubl*) N2 (blind* or mask*)) OR "placebo*") OR DE "Observational Methods" OR DE "Longitudinal Studies" OR DE "Prospective Studies" OR DE "Followup Studies" OR DE "Retrospective Studies" OR DE "Cohort Analysis" OR ZC "Longitudinal Study" OR ZC "Prospective Study" OR ZC "Retrospective Study" OR ZC "Followup Study" OR TI (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective" OR "prospective") OR AB (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective" OR "prospective") OR KW (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective" OR "prospective")	
Limits: Infants AND Publication date AND Languages		
3.	TX (infan* OR toddler* OR neonat* OR newborn*)	
4.	Limiters - Published Date from: 19950101-; Publication Type: All Journals; Language: Danish, English, German, Norwegian, Swedish	
Combined sets		
	1 AND 2 AND 3 AND 4	**1**

The search result found at the end of the documentation, forms the list of abstracts

DE = Term from the thesaurus
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ZC = Methodology Index
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" " = All Text. Performs a keyword search of all the database's searchable fields
Nn: Proximity operator. Terms must appear within n words of each other in any order, e.g. N3
* = Truncation
" " = Citation Marks; searches for an exact phrase

Pubmed via NLM - 20 Nov 2012. Insulin Pump OR Continuous Glucose Monitoring (CGM) – Preschool children; Children and Adolescents; Pregnant patients

	Search terms	Items found
Pubmed via NLM - 20 November 2012 Title: Insulin Pump OR Continuous Glucose Monitoring (CGM) – Preschool children; Children and Adolescents; Pregnant patients		
Population: Diabetes Mellitus, Type 1 OR Type 2		
1.	"Diabetes Mellitus"[Mesh:NoExp] OR "diabetes mellitus"[Title/Abstract] OR "Diabetes Mellitus, Type 1"[Mesh] OR IDDM[tiab] OR T1DM[tiab] OR T1D[tiab] OR ((diabet*[tiab] or dm[tiab]) AND (insulindepend*[tiab] or insulin-depend*[tiab] or juvenile onset[tiab] or sudden onset[tiab] or brittle[tiab] or ketosis prone[tiab] or autoimmune[tiab])) OR ((diabet*[tiab] or dm[tiab]) AND ("type 1"[tiab] or "type I"[tiab] or "type1"[tiab] or "typeI"[tiab])) OR "Diabetes Mellitus, Type 2"[Mesh] OR ((diabet*[tiab] or dm[tiab]) AND ("type 2"[tiab] or "type II"[tiab] or "type2"[tiab] or "typeII"[tiab])) OR T2DM[tiab] OR T2D[tiab] OR MODY[tiab] OR NIDDM[tiab] OR ((diabet*[tiab] or dm[tiab]) AND ("non insulin dependent"[tiab] or "noninsulin dependent"[tiab] or Maturity Onset[tiab] or Adult Onset[tiab] or Slow-Onset[tiab] or stable[tiab] or ketosis resistant[tiab])) OR "latent autoimmune diabetes"[tiab] OR LADA[tiab]	274273
Intervention: Insulin pump OR CGM		
2.	insulin pump*[tiab] OR insulin infusion pump*[tiab] OR implantable pump*[tiab] OR implanted pump*[tiab] OR "continuous subcutaneous insulin infusion"[tiab] OR "continuous subcutaneous insulin infusions"[tiab] OR CSII[tiab] OR ((Infusion Pumps[mesh] OR infusion pump*[tiab] OR pump therapy[tiab]) AND ("Insulin"[Mesh] OR Insulin*[tiab])) OR sensor-augmented pump*[tiab] OR patch pump*[tiab] OR "Insulin Infusion Systems"[Mesh] OR omnipod*[tiab] OR accu-check*[tiab] OR accucheck*[tiab] OR accuchek*[tiab] OR dana[tiab] OR animas*[tiab] OR (Paradigm*[tiab] AND Medtronic[tiab]) OR ("Monitoring, Ambulatory"[Mesh:NoExp] AND "Blood Glucose"[Mesh]) OR "continuous glucose monitoring"[tiab] OR "continuous glucose monitor"[tiab] OR "continuous blood glucose monitoring"[tiab] OR "cgm"[Title/Abstract] OR "cgms"[Title/Abstract] OR "Guardian RT"[Title/Abstract] OR "Freestyle Navigator"[tiab]	7295
Study types: Clinical trials OR Observational studies		
3.	"Meta-Analysis" [Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta analy*[tiab] OR metaanaly*[tiab] OR metanaly*[tiab] OR systematic review*[tiab] OR systematic overview*[tiab] OR "systematic literature"[tiab] OR Pubmed[tiab] OR cochrane[tiab] OR medline[tiab] OR embase[tiab] OR psychlit[tiab] OR psyclit[tiab] OR psychinfo[tiab] OR psycinfo[tiab] OR cinahl[tiab] OR cinhal[tiab] OR reference list*[tiab] OR bibliograph*[tiab] OR hand-search*[tiab] OR "relevant journals"[tiab] OR manual search*[tiab] OR (("selection criteria"[tiab] OR "data extraction"[tiab]) AND "review"[Publication Type]) OR "Randomized Controlled Trials as Topic"[Mesh] OR "Randomized Controlled Trial" [Publication Type] OR "Random Allocation"[Mesh] OR "Double-Blind Method"[Mesh] OR "Single-Blind Method"[Mesh] OR "Clinical Trial" [Publication Type] OR "Clinical Trials as Topic"[Mesh] OR Random*[tiab] OR RCT*[tiab] OR Clinical trial*[tiab] OR "Placebos"[Mesh] OR placebo*[tiab] OR single blind*[tiab] OR double blind*[tiab] OR single mask*[tiab] OR double mask*[tiab] OR "Cohort Studies"[Mesh] OR cohort*[tiab] OR observational*[tiab] OR "follow up"[tiab] OR "longitudinal"[tiab] OR "retrospective"[tiab] OR prospective[tiab]	2819494
Limits:		
4.	"young children"[Title/Abstract] OR toddler*[Title/Abstract] OR preschool*[Title/Abstract] OR pre-school*[Title/Abstract] OR "Child, Preschool"[Mesh] OR Kindergarten*[tiab]	719130
5.	"Child"[Mesh:NoExp] OR "adolescent"[MeSH Terms] OR child*[tiab] OR adolescen*[tiab] OR juvenile*[tiab] OR pediatric*[tiab] OR teen*[tiab] OR young*[tiab] OR youth*[Title/Abstract] OR school*[tiab]	2808397
6.	1 AND "Pregnancy"[Mesh:NoExp] OR "Pregnancy in Diabetics"[Mesh] OR pregnan*[tiab]	12764
7.	Filters activated: Publication date from 1995/01/01, English, Danish, Norwegian, Swedish, German	
Combined sets		
	1 AND 2 AND 3 AND 4 AND 7	**117**
	1 AND 2 AND 3 AND 5 AND 7	**448**
	2 AND 3 AND 6 AND 7	**72**

The search results found at the end of the documentation, forms the lists of abstracts

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy
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[AU] = Author
[TW] = Text Word
Systematic[SB] = Filter for retrieving systematic reviews
* = Truncation
" " = Citation Marks; searches for an exact phrase

Cinahl via EBSCO - 20 Nov 2012. Title: Insulin Pump OR Continuous Glucose Monitoring (CGM) – Preschool children; Children and Adolescents; Pregnant patients

Cinahl via EBSCO - 20 November 2012
Title: Insulin Pump OR Continuous Glucose Monitoring (CGM) – Preschool children; Children and Adolescents; Pregnant patients

	Search terms	Items found
Population: Diabetes Mellitus, Type 1 OR Type 2		
1.	(MH "Diabetes Mellitus+" OR TX ("diabetes mellitus" OR IDDM OR T1DM OR T1D OR ((diabet* or dm) N3 (insulindepend* or insulin-depend* or "juvenile onset" or "sudden onset" or brittle or "ketosis prone" or autoimmune)) OR ((diabet* or dm) N3 ("type 1" or "type I" or "type1" or "typeI")) OR ((diabet* or dm) N3 ("type 2" or "type II" or "type2" or "typeII")) OR T2DM OR T2D OR MODY OR NIDDM OR ((diabet* or dm) N3 ("non insulin dependent" or "noninsulin dependent" or "Maturity Onset" or "Adult Onset" or "Slow-Onset" or stable or "ketosis resistant")) OR "latent autoimmune diabetes" OR LADA))	82200
Intervention: Insulin pump OR CGM		
2.	TI ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic) OR "continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR AB ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic) OR "continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR ((MH "Infusion Pumps" OR MH "Infusion Pumps, Implantable" OR TI (infusion N3 pump*) OR AB (infusion N3 pump*) OR TI "pump therapy" OR AB "pump therapy") AND (MH "Insulin" OR TI "Insulin*" OR AB "Insulin*")) OR MH "Insulin Infusion Systems"	1910
Study types: Clinical trials OR Observational studies		
3.	(PT systematic review OR PT meta analysis OR MH "Systematic Review" OR MH "Meta Analysis" OR TI(meta-analy* or metaanaly* or metanal*) OR AB (meta-analy* or metaanaly* or metanal*) OR TI(systematic w1 (review# or overview# or literature#)) OR AB(systematic w1 (review# or overview# or literature)) OR TI (pubmed OR cochrane OR medline OR embase OR psychlit OR psyclit OR psychinfo OR psycinfo OR cinahl OR cinhal) OR AB (pubmed OR cochrane OR medline OR embase OR psychlit OR psyclit OR psychinfo OR psycinfo OR cinahl OR cinhal) OR AB (reference W1 list*) OR AB bibliograph* OR AB (hand-search*) OR AB "relevant journals" OR AB (manual W1 search*) OR ((AB "selection criteria" OR AB "data extraction") AND PT review)) OR (PT Randomized Controlled Trial OR PT Clinical trial OR MH "Clinical Trials+" OR MH "Random Assignment" OR MH "Placebos" OR TI (random* OR RCT* OR (clinic* N3 trial*) OR placebo* OR ((singl* or doubl*) N1 (blind* or mask*))) OR AB (random* OR RCT* OR (clinic* N3 trial*) OR placebo* OR ((singl* or doubl*) N1 (blind* or mask*)))) OR (MH "Prospective Studies" OR MH "Correlational studies" OR MH "Nonconcurrent prospective studies" OR MH "Retrospective Design" OR MH "Observational Methods" OR TI (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective") OR AB (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective"))	424132
Limits:		
4.	TX ("young children" OR toddler* OR preschool* OR pre-school* OR kindergarten*)	107530
5.	MH "Child" OR MH "adolescence" OR TX (child* OR adolescen* OR juvenile* OR pediatric* OR teen* OR young* OR youth* OR school*)	107530
6.	1 AND TX pregnan*	7998
7.	Limiters - Published Date from: 19950101-; Language: Danish, English, German, Norwegian, Swedish; Publication Type: Journal Article	
Combined sets		
	1 AND 2 AND 3 AND 4 AND 7	**50**
	1 AND 2 AND 3 AND 5 AND 7	**250**
	2 AND 3 AND 6 AND 7	**33**

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AB = Abstract
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PT = Publication Type

* = Truncation

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Nn = : Proximity operator. Terms must appear within n words of each other in any order, e.g. N3

Wn = Proximity operator. Terms must appear within n words of each other in a given order, e.g. W3

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PsycInfo via EBSCO - 20 Nov 2012. Insulin Pump OR Continuous Glucose monitoring (CGM) – Preschool children; Children and Adolescents; Pregnant patients

	Search terms	Items found
PsycInfo via EBSCO - 20 November 2012		
Title: Insulin Pump OR Continuous Glucose monitoring (CGM) – Preschool children; Children and Adolescents; Pregnant patients		
Population: Diabetes Mellitus, Type 1 OR Type 2		
1.	(TX "Diabetes Mellitus" OR TX (IDDM OR T1DM OR T1D OR ((diabet* or dm) N5 (insulindepend* or insulin-depend* or "juvenile onset" or "sudden onset" or brittle or "ketosis prone" or autoimmune)) OR ((diabet* or dm) N5 ("type 1" or "type I" or "type1" or "typeI")) OR ((diabet* or dm) N5 ("type 2" or "type II" or "type2" or "typeII")) OR T2DM OR T2D OR MODY OR NIDDM OR ((diabet* or dm) N5 ("non insulin dependent" or "noninsulin dependent" or "Maturity Onset" or "Adult Onset" or "Slow-Onset" or stable or "ketosis resistant")) OR "latent autoimmune diabetes" OR LADA))	8093
Intervention: Insulin pump OR CGM		
2.	TI ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic) OR "continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR AB ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic) OR "continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR KW ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic) OR "continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator")	518
Study types: Clinical trials OR Observational studies		
3.	TX ((systematic W1 (review# or overview# or literature#)) OR meta-analy* OR metaanaly* OR metanal* OR pubmed OR cochrane OR medline OR embase OR psyclit OR cinahl OR cinhal) OR AB ((reference W1 list*) OR bibliograph* OR (hand-search*) OR "relevant journals" OR (manual W1 search*)) OR ((AB "selection criteria" OR AB "data extraction") AND MR literature review) OR DE "Treatment Effectiveness Evaluation" OR DE "Clinical Audits" OR DE "Random Sampling" OR DE "Clinical Trials" OR DE "Placebo" OR TI ((clinical N3 trial#) OR "random*" OR "RCT*" OR ((singl* or doubl*) N2 (blind* or mask*)) OR "placebo*") OR AB ((clinical N3 trial#) OR "random*" OR "RCT*" OR ((singl* or doubl*) N2 (blind* or mask*)) OR "placebo*") OR KW ((clinical N3 trial#) OR "random*" OR "RCT*" OR ((singl* or doubl*) N2 (blind* or mask*)) OR "placebo*") OR DE "Observational Methods" OR DE "Longitudinal Studies" OR DE "Prospective Studies" OR DE "Followup Studies" OR DE "Retrospective Studies" OR DE "Cohort Analysis" OR ZC "Longitudinal Study" OR ZC "Prospective Study" OR ZC "Retrospective Study" OR ZC "Followup Study" OR TI (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective" OR "prospective") OR AB (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective" OR "prospective") OR KW (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective" OR "prospective")	399853
Limits:		
4.	TX ("young children" OR toddler* OR preschool* OR pre-school* OR kindergarten*)	119901
5.	TX (child* OR adolescen* OR juvenile* OR pediatric* OR teen* OR young* OR youth* OR school*)	1482105
6.	1 AND TX pregn*	196
7.	Limiters - Published Date from: 19950101-; Publication Type: All Journals; Language: Danish, English, German, Norwegian, Swedish	
Combined sets		
	1 AND 2 AND 3 AND 4 AND 7	**1**
	1 AND 2 AND 3 AND 5 AND 7	**7**
	2 AND 3 AND 6 AND 7	**0**

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PubMed via NLM 30 Nov 2012. Insulin Pump AND/OR Continuous Glucose Monitoring (CGM) - Adults

PubMed via NLM 30 November 2012
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	Search terms	Items found
Population: Diabetes Mellitus, Type 1 OR Type 2		
1.	"Diabetes Mellitus"[Mesh:NoExp] OR "diabetes mellitus"[Title/Abstract] OR "Diabetes Mellitus, Type 1"[Mesh] OR IDDM[tiab] OR T1DM[tiab] OR T1D[tiab] OR ((diabet*[tiab] or dm[tiab]) AND (insulindepend*[tiab] or insulin-depend*[tiab] or juvenile onset[tiab] or sudden onset[tiab] or brittle[tiab] or ketosis prone[tiab] or autoimmune[tiab])) OR ((diabet*[tiab] or dm[tiab]) AND ("type 1"[tiab] or "type I"[tiab] or "type1"[tiab] or "typeI"[tiab])) OR "Diabetes Mellitus, Type 2"[Mesh] OR ((diabet*[tiab] or dm[tiab]) AND ("type 2"[tiab] or "type II"[tiab] or "type2"[tiab] or "typeII"[tiab])) OR T2DM[tiab] OR T2D[tiab] OR MODY[tiab] OR NIDDM[tiab] OR ((diabet*[tiab] or dm[tiab]) AND ("non insulin dependent"[tiab] or "noninsulin dependent"[tiab] or Maturity Onset[tiab] or Adult Onset[tiab] or Slow-Onset[tiab] or stable[tiab] or ketosis resistant[tiab])) OR "latent autoimmune diabetes"[tiab] OR LADA[tiab]	274869
Population: Diabetes Mellitus, Type 2		
2.	"Diabetes Mellitus, Type 2"[Mesh] OR ((diabet*[tiab] or dm[tiab]) AND ("type 2"[tiab] or "type II"[tiab] or "type2"[tiab] or "typeII"[tiab])) OR T2DM[tiab] OR T2D[tiab] OR MODY[tiab] OR NIDDM[tiab] OR ((diabet*[tiab] or dm[tiab]) AND ("non insulin dependent"[tiab] or "noninsulin dependent"[tiab] or Maturity Onset[tiab] or Adult Onset[tiab] or Slow-Onset[tiab] or stable[tiab] or ketosis resistant[tiab]))	107680
Intervention: CGM		
3.	("Monitoring, Ambulatory"[Mesh:NoExp] AND "Blood Glucose"[Mesh]) OR "continuous glucose monitoring"[tiab] OR "continuous glucose monitor"[tiab] OR "continuous blood glucose monitoring"[tiab] OR "cgm"[Title/Abstract] OR "cgms"[Title/Abstract] OR "Guardian RT"[Title/Abstract] OR "Freestyle Navigator"[tiab]	5874
Intervention: Insulin pump		
4.	insulin pump*[tiab] OR insulin infusion pump*[tiab] OR implantable pump*[tiab] OR implanted pump*[tiab] OR "continuous subcutaneous insulin infusion"[tiab] OR "continuous subcutaneous insulin infusions"[tiab] OR CSII[tiab] OR ((Infusion Pumps[mesh] OR infusion pump*[tiab] OR pump therapy[tiab]) AND ("Insulin"[Mesh] OR Insulin*[tiab])) OR sensor-augmented pump*[tiab] OR patch pump*[tiab] OR "Insulin Infusion Systems"[Mesh] OR omnipod*[tiab] OR accu-check*[tiab] OR accucheck*[tiab] OR accuchek*[tiab] OR dana[tiab] OR animas*[tiab] OR (Paradigm*[tiab] AND Medtronic[tiab])	5871
Intervention: Insulin pump AND CGM		
5.	(insulin pump*[tiab] OR insulin infusion pump*[tiab] OR implantable pump*[tiab] OR implanted pump*[tiab] OR "continuous subcutaneous insulin infusion"[tiab] OR "continuous subcutaneous insulin infusions"[tiab] OR CSII[tiab] OR ((Infusion Pumps[mesh] OR infusion pump*[tiab] OR pump therapy[tiab]) AND ("Insulin"[Mesh] OR Insulin*[tiab])) OR sensor-augmented pump*[tiab] OR patch pump*[tiab] OR "Insulin Infusion Systems"[Mesh] OR omnipod*[tiab] OR accu-check*[tiab] OR accucheck*[tiab] OR accuchek*[tiab] OR dana[tiab] OR animas*[tiab] OR (Paradigm*[tiab] AND Medtronic[tiab])) AND (("Monitoring, Ambulatory"[Mesh:NoExp] AND "Blood Glucose"[Mesh]) OR "continuous glucose monitoring"[tiab] OR "continuous glucose monitor"[tiab] OR "continuous blood glucose monitoring"[tiab] OR "cgm"[Title/Abstract] OR "cgms"[Title/Abstract] OR "Guardian RT"[Title/Abstract] OR "Freestyle Navigator"[tiab])	349
Outcome: Mortality		
6.	"Mortality"[Mesh] OR "Diabetes Mellitus/mortality"[Mesh] OR "Death"[Mesh:NoExp] OR mortalit*[tiab] OR death*[tiab] OR died[tiab]	1048108
Study types: Clinical trials OR Observational studies		
7.	"Meta-Analysis" [Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR meta analy*[tiab] OR metaanaly*[tiab] OR metanaly*[tiab] OR systematic review*[tiab] OR systematic overview*[tiab] OR "systematic literature"[tiab] OR Pubmed[tiab] OR cochrane[tiab] OR medline[tiab] OR embase[tiab] OR psychlit[tiab] OR psyclit[tiab] OR psychinfo[tiab] OR psycinfo[tiab] OR cinahl[tiab] OR cinhal[tiab] OR reference list*[tiab] OR bibliograph*[tiab] OR hand-search*[tiab] OR "relevant journals"[tiab] OR manual search*[tiab] OR (("selection criteria"[tiab] OR "data extraction"[tiab]) AND "review"[Publication Type]) OR "Randomized Controlled Trials as Topic"[Mesh] OR "Randomized Controlled Trial" [Publication Type] OR "Random Allocation"[Mesh] OR "Double-Blind Method"[Mesh] OR "Single-Blind Method"[Mesh] OR "Clinical Trial" [Publication Type] OR "Clinical Trials as	2825813

	Topic"[Mesh] OR Random*[tiab] OR RCT*[tiab] OR Clinical trial*[tiab] OR "Placebos"[Mesh] OR placebo*[tiab] OR single blind*[tiab] OR double blind*[tiab] OR single mask*[tiab] OR double mask*[tiab] OR "Cohort Studies"[Mesh] OR cohort*[tiab] OR observational*[tiab] OR "follow up"[tiab] OR "longitudinal"[tiab] OR "retrospective"[tiab] OR prospective[tiab]	
Limits: Publication dates AND Languages		
8.	Filters activated: Publication date from 1995/01/01, Swedish, Norwegian, German, English, Danish	
9.	Filters activated: Publication date from 2012/01/01, Swedish, Norwegian, German, English, Danish	
10.	Filters activated: Publication date from 2011/05/01, Danish, English, German, Norwegian, Swedish	
11.	Filters activated: Publication date from 1995/01/01 to 2011/05/31, Danish, English, German, Norwegian, Swedish	
Combined sets		
Insulin pump and CGM (Type 1 and 2 Diabetes)	**1 AND 5 AND 7 AND 8**	**167**
Insulin pump (Type 1 and 2 Diabetes) – January 2012 onward	**1 AND 4 AND 7 AND 9**	**87**
Insulin pump (Type 1 and 2 Diabetes) Mortality	**1 AND 4 AND 6 AND 7 AND 8**	**35**
CGM (Type 1 and 2 Diabetes) – May 2011 onward	**1 AND 3 AND 7 AND 10**	**128**
CGM (Type 1 and 2 Diabetes) Mortality	**1 AND 3 AND 6 AND 7 AND 8**	**17**
[1]CGM (Type 2 Diabetes) – before May 2011	**2 AND 3 AND 7 AND 11**	**119**

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy
[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy
[MAJR] = MeSH Major Topic
[TIAB] = Title or abstract
[TI] = Title
[AU] = Author
[TW] = Text Word
Systematic[SB] = Filter for retrieving systematic reviews
* = Truncation
" " = Citation Marks; searches for an exact phrase
[1] = search performed 11 December 2012

Cinahl via EBSCO 30 Nov 2012. Insulin Pump AND Continuous Glucose Monitoring (CGM) - Adults

	Search terms	Items found
Cinahl via EBSCO 30 November 2012 Title: Insulin Pump AND Continuous Glucose Monitoring (CGM) - Adults		
Population: Diabetes Mellitus, Type 1 OR Type 2		
1.	(MH "Diabetes Mellitus+" OR TX ("diabetes mellitus" OR IDDM OR T1DM OR T1D OR ((diabet* or dm) N3 (insulindepend* or insulin-depend* or "juvenile onset" or "sudden onset" or brittle or "ketosis prone" or autoimmune)) OR ((diabet* or dm) N3 ("type 1" or "type I" or "type1" or "typeI")) OR ((diabet* or dm) N3 ("type 2" or "type II" or "type2" or "typeII")) OR T2DM OR T2D OR MODY OR NIDDM OR ((diabet* or dm) N3 ("non insulin dependent" or "noninsulin dependent" or "Maturity Onset" or "Adult Onset" or "Slow-Onset" or stable or "ketosis resistant")) OR "latent autoimmune diabetes" OR LADA))	82385
Population: Diabetes Mellitus, Type 2		
2.	MH "Diabetes Mellitus, Type 2" OR TX (((diabet* or dm) N3 ("type 2" or "type II" or "type2" or "typeII")) OR T2DM OR T2D OR MODY OR NIDDM OR ((diabet* or dm) N3 ("non insulin dependent" or "noninsulin dependent" or "Maturity Onset" or "Adult Onset" or "Slow-Onset" or stable or "ketosis resistant")))	34332
Intervention: CGM		
3.	TI ("continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR AB ("continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator")	526
Intervention: Insulin pump		
4.	TI ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accuccheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic)) OR AB ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accuccheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic)) OR ((MH "Infusion Pumps" OR MH "Infusion Pumps, Implantable" OR TI (infusion N3 pump*) OR AB (infusion N3 pump*) OR TI "pump therapy" OR AB "pump therapy") AND (MH "Insulin" OR TI "Insulin*" OR AB "Insulin*")) OR MH "Insulin Infusion Systems"	1523
Intervention: Insulin pump AND CGM		
5.	(TI ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accuccheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic)) OR AB ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accuccheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic)) OR ((MH "Infusion Pumps" OR MH "Infusion Pumps, Implantable" OR TI (infusion N3 pump*) OR AB (infusion N3 pump*) OR TI "pump therapy" OR AB "pump therapy") AND (MH "Insulin" OR TI "Insulin*" OR AB "Insulin*")) OR MH "Insulin Infusion Systems") AND (TI ("continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR AB ("continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator"))	135
Outcome: Mortality		
6.	MH "Mortality+" OR MH "Death" OR TI mortalit* OR AB mortalit* OR TI death* OR AB death* OR TI died OR AB died	111777
Study types: Systematic Reviews OR Clinical trials OR Observational studies		
7.	(PT systematic review OR PT meta analysis OR MH "Systematic Review" OR MH "Meta Analysis" OR TI(meta-analy* or metaanaly* or metanal*) OR AB (meta-analy* or metaanaly* or metanal*) OR TI(systematic w1 (review# or overview# or literature#)) OR AB(systematic w1 (review# or overview# or literature)) OR TI (pubmed OR cochrane OR medline OR embase OR psychlit OR psyclit OR psychinfo OR psycinfo OR cinahl OR cinhal) OR AB (pubmed OR cochrane OR medline OR embase OR psychlit OR psyclit OR psychinfo OR psycinfo OR cinahl OR cinhal) OR AB (reference W1 list*) OR AB bibliograph* OR AB (hand-search*) OR AB "relevant journals" OR AB (manual W1 search*) OR ((AB "selection criteria" OR AB "data extraction") AND PT review)) OR (PT Randomized Controlled Trial OR PT Clinical trial OR MH "Clinical Trials+" OR MH "Random Assignment" OR MH "Placebos" OR TI (random* OR RCT* OR (clinic* N3 trial*) OR placebo* OR ((singl* or doubl*) N1 (blind* or mask*))) OR AB (random* OR RCT* OR (clinic* N3 trial*)	425531

	OR placebo* OR ((singl* or doubl*) N1 (blind* or mask*)))) OR (MH "Prospective Studies" OR MH "Correlational studies" OR MH "Nonconcurrent prospective studies" OR MH "Retrospective Design" OR MH "Observational Methods" OR TI (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective") OR AB (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective"))	
Limits: Publication dates AND Languages		
8.	Limiters - Published Date from: 19950101-; Language: Danish, English, German, Norwegian, Swedish; Publication Type: Journal Article	
9.	Limiters - Published Date from: 20120101-; Language: Danish, English, German, Norwegian, Swedish; Publication Type: Journal Article	
10.	Limiters - Published Date from: 20110501-; Language: Danish, English, German, Norwegian, Swedish; Publication Type: Journal Article	
11.	Limiters - Published Date from: 19950101-20110531; Language: Danish, English, German, Norwegian, Swedish	
Combined sets		
Insulin pump and CGM (Type 1 and 2 Diabetes)	**1 AND 5 AND 7 AND 8**	**66**
Insulin pump (Type 1 and 2 Diabetes) – January 2012 onward	**1 AND 4 AND 7 AND 9**	**38**
Insulin pump (Type 1 and 2 Diabetes) Mortality	**1 AND 4 AND 6 AND 7 AND 8**	**10**
CGM (Type 1 and 2 Diabetes) – May 2011 onward	**1 AND 3 AND 7 AND 10**	**51**
CGM (Type 1 and 2 Diabetes) Mortality	**1 AND 3 AND 6 AND 7 AND 8**	**4**
[1]CGM (Type 2 Diabetes) – before May 2011	**2 AND 3 AND 7 AND 11**	**40**

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy
[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy
[MAJR] = MeSH Major Topic
[TIAB] = Title or abstract
[TI] = Title
[AU] = Author
[TW] = Text Word
Systematic[SB] = Filter for retrieving systematic reviews
* = Truncation
" " = Citation Marks; searches for an exact phrase
[1] = search performed 11 December 2012

PsycInfo via EBSCO 30 Nov 2012. Insulin Pump AND/OR Continuous Glucose Monitoring (CGM) – Adults

PsycInfo via EBSCO 30 November 2012
Title: Insulin Pump AND/OR Continuous Glucose Monitoring (CGM) – Adults

	Search terms	Items found
Population: Diabetes Mellitus, Type 1 OR Type 2		
1.	(TX "Diabetes Mellitus" OR TX (IDDM OR T1DM OR T1D OR ((diabet* or dm) N5 (insulindepend* or insulin-depend* or "juvenile onset" or "sudden onset" or brittle or "ketosis prone" or autoimmune)) OR ((diabet* or dm) N5 ("type 1" or "type I" or "type1" or "typeI")) OR ((diabet* or dm) N5 ("type 2" or "type II" or "type2" or "typeII")) OR T2DM OR T2D OR MODY OR NIDDM OR ((diabet* or dm) N5 ("non insulin dependent" or "noninsulin dependent" or "Maturity Onset" or "Adult Onset" or "Slow-Onset" or stable or "ketosis resistant")) OR "latent autoimmune diabetes" OR LADA))	8116
Population: Diabetes Mellitus, Type 2		
2.	TX (((diabet* or dm) N5 ("type 2" or "type II" or "type2" or "typeII")) OR T2DM OR T2D OR MODY OR NIDDM OR ((diabet* or dm) N5 ("non insulin dependent" or "noninsulin dependent" or "Maturity Onset" or "Adult Onset" or "Slow-Onset" or stable or "ketosis resistant")))	3791
Intervention: CGM		
3.	TI ("continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR AB ("continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR KW ("continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator")	47
Intervention: Insulin pump		
4.	TI ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic)) OR AB ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic)) OR KW ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic))	476
Intervention: Insulin pump AND CGM		
5.	(TI ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic)) OR AB ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic)) OR KW ((insulin N3 pump*) OR (implant* N3 pump*) OR "continuous subcutaneous insulin infusion*" OR CSII OR (((infusion N3 pump*) or "pump therapy") AND "Insulin") OR "sensor-augmented pump*" OR "patch pump*" OR omnipod* OR "accu-check*" OR accucheck* OR accuchek* OR dana OR animas* OR (Paradigm* N3 Medtronic))) AND (TI ("continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR AB ("continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator") OR KW ("continuous glucose monitor*" OR "continuous blood glucose monitor*" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator"))	5
Outcome: Mortality		
6.	DE "Mortality Rate" OR DE "Death and Dying" OR TI (mortalit* OR death* OR died) OR AB (mortalit* OR death* OR died) OR KW (mortalit* OR death* OR died)	79859
Study types: Systematic Reviews OR Clinical trials OR Observational studies		
7.	TX ((systematic W1 (review# or overview# or literature#)) OR meta-analy* OR metaanaly* OR metanal* OR pubmed OR cochrane OR medline OR embase OR psyclit OR cinahl OR cinhal) OR AB ((reference W1 list*) OR bibliograph* OR (hand-	400456

	search*) OR "relevant journals" OR (manual W1 search*)) OR ((AB "selection criteria" OR AB "data extraction") AND MR literature review) OR DE "Treatment Effectiveness Evaluation" OR DE "Clinical Audits" OR DE "Random Sampling" OR DE "Clinical Trials" OR DE "Placebo" OR TI ((clinical N3 trial#) OR "random*" OR "RCT*" OR ((singl* or doubl*) N2 (blind* or mask*)) OR "placebo*") OR AB ((clinical N3 trial#) OR "random*" OR "RCT*" OR ((singl* or doubl*) N2 (blind* or mask*)) OR "placebo*") OR KW ((clinical N3 trial#) OR "random*" OR "RCT*" OR ((singl* or doubl*) N2 (blind* or mask*)) OR "placebo*") OR DE "Observational Methods" OR DE "Longitudinal Studies" OR DE "Prospective Studies" OR DE "Followup Studies" OR DE "Retrospective Studies" OR DE "Cohort Analysis" OR ZC "Longitudinal Study" OR ZC "Prospective Study" OR ZC "Retrospective Study" OR ZC "Followup Study" OR TI (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective" OR "prospective") OR AB (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective" OR "prospective") OR KW (cohort* OR observational* OR "follow up" OR "longitudinal" OR "retrospective" OR "prospective")	
Limits: Publication dates AND Languages		
8.	Limiters - Published Date from: 19950101-; Publication Type: All Journals; Language: Danish, English, German, Norwegian, Swedish	
9.	Limiters - Published Date from: 20120101-; Publication Type: All Journals; Language: Danish, English, German, Norwegian, Swedish	
10.	Limiters - Published Date from: 20110501-; Publication Type: All Journals; Language: Danish, English, German, Norwegian, Swedish	
11.	Limiters - Published Date from: 19950101-20110531; Publication Type: All Journals; Language: Danish, English, German, Norwegian, Swedish	
Combined sets		
Insulin pump and CGM (Type 1 and 2 Diabetes)	**1 AND 5 AND 7 AND 8**	**1**
Insulin pump (Type 1 and 2 Diabetes) – January 2012 onward	**1 AND 4 AND 7 AND 9**	**1**
Insulin pump (Type 1 and 2 Diabetes) Mortality	**1 AND 4 AND 6 AND 7 AND 8**	**0**
CGM (Type 1 and 2 Diabetes) – May 2011 onward	**1 AND 3 AND 7 AND 10**	**0**
CGM (Type 1 and 2 Diabetes) Mortality	**1 AND 3 AND 6 AND 7 AND 8**	**0**
[1]CGM (Type 2 Diabetes) – before May 2011	**2 AND 3 AND 7 AND 11**	**0**

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

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[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

" " = Citation Marks; searches for an exact phrase

[1] = search performed 11 December 2012

Pubmed via NLM 29 Nov 2012. Insulin pump OR continuous glucose monitoring (CGM)-Health Economics

Pubmed via NLM 29 November 2012
Title: Insulin pump OR continuous glucose monitoring (CGM)-Health Economics

	Search terms	Items found
Population: Diabetes Mellitus, type 1 OR type 2		
1.	"Diabetes Mellitus"[Mesh:NoExp] OR "diabetes mellitus"[tiab] OR "Diabetes Mellitus, Type 1"[Mesh] OR IDDM[tiab] OR T1DM[tiab] OR T1D[tiab] OR ((diabet*[tiab] or dm[tiab]) AND (insulindepend*[tiab] or insulin-depend*[tiab] or juvenile onset[tiab] or sudden onset[tiab] or brittle[tiab] or ketosis prone[tiab] or autoimmune[tiab])) OR ((diabet*[tiab] or dm[tiab]) AND ("type 1"[tiab] or "type I"[tiab] or "type1"[tiab] or "typeI"[tiab])) OR "Diabetes Mellitus, Type 2"[Mesh] OR ((diabet*[tiab] or dm[tiab]) AND ("type 2"[tiab] or "type II"[tiab] or "type2"[tiab] or "typeII"[tiab])) OR T2DM[tiab] OR T2D[tiab] OR MODY[tiab] OR NIDDM[tiab] OR ((diabet*[tiab] or dm[tiab]) AND ("non insulin dependent"[tiab] or "noninsulin dependent"[tiab] or Maturity Onset[tiab] or Adult Onset[tiab] or Slow-Onset[tiab] or stable[tiab] or ketosis resistant[tiab])) OR "latent autoimmune diabetes"[tiab] OR LADA[tiab]	274821
Intervention: Insulin pump OR CGM		
2.	insulin pump*[tiab] OR insulin infusion pump*[tiab] OR implantable pump*[tiab] OR implanted pump*[tiab] OR "continuous subcutaneous insulin infusion"[tiab] OR "continuous subcutaneous insulin infusions"[tiab] OR CSII[tiab] OR ((Infusion Pumps[mesh] OR infusion pump*[tiab] OR pump therapy[tiab]) AND ("Insulin"[Mesh] OR Insulin*[tiab])) OR sensor-augmented pump*[tiab] OR patch pump*[tiab] OR "Insulin Infusion Systems"[Mesh] OR omnipod*[tiab] OR accu-check*[tiab] OR accucheck*[tiab] OR accuchek*[tiab] OR dana[tiab] OR animas*[tiab] OR (Paradigm*[tiab] AND Medtronic[tiab])	5871
3.	("Monitoring, Ambulatory"[Mesh:NoExp] AND "Blood Glucose"[Mesh]) OR "continuous glucose monitoring"[tiab] OR "continuous glucose monitor"[tiab] OR "continuous blood glucose monitoring"[tiab] OR "cgm"[tiab] OR "cgms"[tiab] OR "Guardian RT"[tiab] OR "Freestyle Navigator"[tiab]	1790
4.	2 OR 3	7313
Outcome: Health Economics		
5.	"Economics"[Mesh:NoExp] OR "Costs and Cost Analysis"[Mesh] OR "Economics, Hospital"[Mesh] OR "Economics, Medical"[Mesh] OR "Economics, Nursing"[Mesh] OR "Economics, Pharmaceutical"[Mesh] OR "Fees and Charges"[Mesh] OR "Budgets"[Mesh] OR "Resource Allocation"[Mesh] OR "economics" [Subheading] OR "cost utility"[tiab] OR "cost/utility"[tiab] OR cost/benefit*[tiab] OR cost benefit*[tiab] OR "cost effectiveness"[tiab] OR cost/effectiveness[tiab] OR "cost of illness"[tiab] OR cost analys*[tiab] OR cost consequence*[tiab] OR cost saving*[tiab] OR cost breakdown*[tiab] OR cost lowering*[tiab] OR cost estimate*[tiab] OR cost variable*[tiab] OR cost allocation*[tiab] OR cost control*[tiab] OR "cost per unit"[tiab] OR economic*[ti] OR cost[ti] OR costs[ti] OR costing[ti] OR costly[ti] OR "value for money"[tiab] OR pharmacoeconomic*[tiab] OR "icer"[tiab] OR economic evaluation*[tiab] OR economic analys*[tiab] OR economic stud*[tiab] OR ((economic*[tiab] OR price*[tiab] OR pricing[tiab] OR cost[tiab] OR costs[tiab] OR costing[tiab] OR costly[tiab] OR financial[tiab] OR finance*[tiab] OR expenditure*[tiab] OR budget*[tiab] OR resource allocat*[tiab] OR "resource utilisation"[tiab] OR "resource utilization"[tiab] OR charge*[tiab] OR fee[tiab] OR fees[tiab]) NOT medline[sb]) OR "Quality-Adjusted Life Years"[Mesh] OR utility[tiab] OR utilities[tiab] OR qaly*[tiab] OR "quality adjusted life"[tiab] OR "disability adjusted life"[tiab] OR daly*[tiab] OR qald*[tiab] OR qale*[tiab] OR qtime*[tiab] OR "hye"[tiab] OR "hyes"[tiab] OR "healthy year equivalent"[tiab] OR "healthy year equivalents"[tiab] OR "healthy years equivalent"[tiab] OR "healthy years equivalents"[tiab] OR "quality of well being"[tiab] OR "qwb"[tiab] OR "euroqol"[tiab] OR "eq5d"[tiab] OR "eq 5d"[tiab] OR "health utilities index"[tiab] OR "hui"[tiab] OR "hui2"[tiab] OR "hui3"[tiab] OR "rosser"[tiab] OR "sf 6"[tiab] OR "sf6"[tiab] OR "sf6D"[tiab] OR "sf 6D"[tiab] OR "short form 6D"[tiab] OR "time trade off"[tiab] OR "time tradeoff"[tiab] OR "standard gamble"[tiab] OR "willingness to pay"[tiab] OR "willingness to accept"[tiab] OR "willing to pay"[tiab]	619335
Limits: Publication data & Languages		
6.	Filters activated: Publication date from 1995/01/01; Danish; English; German; Norwegian; Swedish	
Combined sets		
7.	1 AND 4 AND 5	216
8.	7 AND 6	174

The search result, usually found at the end of the documentation, forms the list of abstracts

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy
[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy
[TIAB] = Title or abstract
* = Truncation
" " = Citation Marks; searches for an exact phrase

Embase via Embase.com 29 Nov 2012. Insulin pump OR continuous glucose monitoring (CGM)-Health Economics

	Embase via Embase.com 29 November 2012 Title: Insulin pump OR continuous glucose monitoring (CGM)-Health Economics	
	Search terms	**Items found**
Population: Diabetes Mellitus, type 1 OR type 2		
1.	'diabetes mellitus'/mj OR (diabets Near/3 mellitus):ti,ab OR 'insulin dependent diabetes mellitus'/mj OR (IDDM OR T1DM OR T1D):ti,ab OR ((diabet* or dm) AND (insulindepend* or (insulin next/1 depend*) or "juvenile onset" or "sudden onset" or brittle or "ketosis prone" or autoimmune)):ti,ab OR ((diabet* or dm) AND ("type 1" or "type I" or "type1" or "typeI")):ti,ab OR 'non insulin dependent diabetes mellitus'/mj OR ((diabet* or dm) AND ("type 2" or "type II" or "type2" or "typeII")):ti,ab OR (T2DM OR T2D OR MODY OR NIDDM):ti,ab OR ((diabet* or dm) AND ("non insulin dependent" or "noninsulin dependent" or "Maturity Onset" or "Adult Onset" or "Slow-Onset" or stable or "ketosis resistant")):ti,ab OR "latent autoimmune diabetes":ti,ab OR LADA:ti,ab	250693
Intervention: Insulin pump OR CGM		
2.	(insulin near/3 pump*):ti,ab OR 'insulin pump'/mj OR (implant* near/3 pump*):ti,ab OR "continuous subcutaneous insulin infusion":ti,ab OR "continuous subcutaneous insulin infusions":ti,ab OR CSII:ti,ab OR (('infusion pump'/mj OR (infusion near/3 pump*):ti,ab OR 'pump therapy':ti,ab) AND ('insulin'/mj OR insulin*:ti,ab)) OR (sensor-augmented):ti,ab OR (patch next/1 pump*):ti,ab OR (omnipod* OR (accu next/1 check*) OR accucheck* OR accuchek* OR dana OR animas*):ti,ab OR (Paradigm* AND Medtronic):ti,ab	6965
3.	('ambulatory monitoring'/mj AND 'glucose blood level'/mj) OR ("continuous glucose monitoring" OR "continuous glucose monitor" OR "continuous blood glucose monitoring" OR "cgm" OR "cgms" OR "Guardian RT" OR "Freestyle Navigator"):ti,ab	2062
4.	2 OR 3	8582
Outcome: Health Economics		
5.	('health economics'/de/mj OR 'economic evaluation'/exp/mj OR 'health-care-cost'/exp/mj OR 'pharmacoeconomics'/exp/mj OR 'economic aspect'/exp/mj OR 'financial management'/exp/mj OR ((economic near/2 (evaluation* OR analys* OR stud*)) OR (value* near/2 (money or monetary)) OR pharmacoeconomic* OR (pharmaco next/1economic*) OR "icer" OR (cost NEAR/2 (util* OR benefit* OR effectiveness OR illness OR analys* OR consequence* OR saving* OR breakdown* OR low* OR high* OR estimate* OR variable* OR allocation* OR control* OR unit))):ti,ab OR (economic* OR cost*):ti OR 'quality adjusted life year'/de/mj OR utility:ti,ab OR utilities:ti,ab OR qaly*:ti,ab OR "quality adjusted life":ti,ab OR "disability adjusted life":ti,ab OR daly*:ti,ab OR qald*:ti,ab OR qale*:ti,ab OR qtime*:ti,ab OR "hye":ti,ab OR "hyes":ti,ab OR (('healthy year' OR 'healthy years' OR 'health year' OR 'health years') NEXT/2 equivalent*):ti,ab OR "quality of well being":ti,ab OR "qwb":ti,ab OR "euroqol":ti,ab OR "eq5d":ti,ab OR "eq 5d":ti,ab OR "health utilities index":ti,ab OR "hui":ti,ab OR "hui2":ti,ab OR "hui3":ti,ab OR "rosser":ti,ab OR "sf 6":ti,ab OR "sf6":ti,ab OR "sf6D":ti,ab OR "sf 6D":ti,ab OR "short form 6D":ti,ab OR "time trade off":ti,ab OR "time tradeoff":ti,ab OR "standard gamble":ti,ab OR ((willing or willingness) near/2 (pay or accept)):ti,ab)	342781
Limits: Publication data & Languages		
6.	([danish]/lim OR [english]/lim OR [german]/lim OR [norwegian]/lim OR [swedish]/lim) AND [embase]/lim AND [1995-2013]/py	
Combined sets		
7.	1 AND 4 AND 5	169
8.	7 AND 6	145

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/de= Term from the EMTREE controlled vocabulary
/exp= Includes terms found below this term in the EMTREE hierarchy
/mj = Major Topic
:ti = Article Title
:ti:ab = Title or abstract
* = Truncation
" " = Citation Marks; searches for an exact phrase

Cochrane Library via Wiley 20 Sept 2012. Insulin Pump OR Continuous Glucose Monitoring (CGM)

Cochrane Library via Wiley 20 September 2012 Title: Insulin Pump OR Continuous Glucose Monitoring (CGM)	
	Search terms
1.	(pump* or infusion*) and insulin* in Cochrane Reviews (Reviews only), Other Reviews, Technology Assessments and Economic Evaluations (Word variations have been searched)
2.	("continuous glucose monitoring" or "continuous glucose monitor" or "continuous blood glucose monitoring" or "cgm" or "cgms" or "Guardian RT" or "Freestyle Navigator" or "Dex com seven plus") in Cochrane Reviews (Reviews only), Other Reviews, Technology Assessments and Economic Evaluations (Word variations have been searched)
3.	MeSH descriptor: [Monitoring, Ambulatory] this term only
4.	MeSH descriptor: [Blood Glucose] explode all trees
5.	**#1 or #2 or (#3 and #4)**

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term in the MeSH hierarchy
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