

## Methods: Search

A search was executed by an expert searcher/health librarian (SC) on the following databases: PROSPERO, OVID Medline, OVID EMBASE, OVID PsycInfo, Cochrane Library (CDSR and Central), EBSCO CINAHL, Proquest Dissertations and Theses Global and SCOPUS using controlled vocabulary (e.g., MeSH, Emtree, etc.) and key words representing the concepts "caregivers" and "burden" and "type 1 diabetes" and "qualitative studies". Adults only studies were excluded. No other limits were applied. Databases were searched from inception to December 2022. Results (1952) were exported to COVIDENCE review management software. Duplicates (388) were removed. Detailed search strategies are available in Appendix 1.

### Ovid MEDLINE(R) ALL <1946 to December 06, 2022>

#	Search Statement	Results
1	exp "Parents"/	137020
2	(exp Caregivers/ or guardian*.mp. or caregive*.mp. or <a href="#">carer.mp.</a> or <a href="#">carers.mp.</a> ) and (exp child/ or minors/ or (underage* or pediatric* or paediatric* or child* or newborn* or congenital* or infan* or baby or babies or neonat* or pre-term or preterm* or premature birth* or NICU or preschool* or pre-school* or kindergarten* or kindergarden* or elementary school* or nursery school* or schoolchild* or toddler* or boy or boys or girl* or middle school* or pubescen* or juvenile* or teen* or youth* or high school* or adolesc* or pre-pubesc* or prepubesc*).mp.)	50516
3	(family or families or parent* or grandparent* or mother* or father*).ti.	355147
4	1 or 2 or 3	454566
5	(hope* or joy or blessing* or burden* or sadness or suffering or sorrow or fear or guilt or resilienc* or coping or overload* or strain* or burnout or mental health or wellbeing or well being or financial or psychosocial* or psychological or emotion* or social or hopeless* or helpless* or wellness or "quality of life" or depression or grief or anxiety or distress or hypervigilence or hyper vigilence or exhaustion or spiritual* or stress*).ti,ab. or (*Stress, Psychological/ or exp *Socioeconomic Factors/ or exp *Social adjustment/ or *Quality of Life/ or *mental health/ or *resilience, psychological/ or *Adaptation, psychological/ or *Fear/ or *Cost of Illness/ or Spirituality/) [some MeSH headings not searched because keyword search retrieves heading content]	4236670

6	4 and 5	151370
7	diabetes mellitus, type 1/ or diabetic ketoacidosis/ or Blood Glucose Self-Monitoring/ or exp Insulin Infusion Systems/	96396
8	((diabet* or dm) adj4 ("type 1" or "type1" or "type i" or "type one")) or ("continuous glucose monitor*" or CGM or "insulin pump*").ti,ab.	71548
9	((diabet* adj2 (autoimmun* or auto immun*)) or lada).ti,ab.	4874
10	((diabet* adj2 (brittle or labile)) or (diabet* adj2 (sudden onset or juvenile or childhood))).ti,ab.	4234
11	(diabet* adj3 (keto* or acido* or gastropare*)).ti,ab.	9984
12	(dm1 or iddm or t1d* or dka or ((diabet* adj2 (insulin depend* or insulin deficient*)) not non insulin depend*)).ti,ab.	39377
13	diabetes mellitus.ti.	83409
14	(diabet* adj3 (type 2 or type ii)).ti.	85589
15	13 not 14	59311
16	or/7-12,15	173622
17	(adult*.mp. or exp Adult/) not ((adult*.mp. or exp Adult/) and (child*.mp. or exp Child/))	7577198
18	(pregnan* or gestation*).ti.	291668
19	16 not (17 or 18)	106153
20	exp qualitative research/ or grounded theory/	79694
21	exp Nursing Methodology Research/	16406
22	anthropology, cultural/	7313
23	exp focus groups/	34983
24	<a href="#">qualitative.mp.</a>	323305
25	(ethnol\$ or ethnog\$ or ethnonurs\$ or emic or etic).mp.	186872
26	(leininger\$ or noblit).mp. or hare.ti,ab.	2913
27	(field note\$ or field record\$ or fieldnote\$ or field stud\$).mp.	21461

28	(participant\$ adj3 observ\$).mp.	14328
29	(nonparticipant\$ adj3 observ\$).mp.	181
30	(non participant\$ adj3 observ\$).mp.	800
31	(hermeneutic\$ or phenomenolog\$ or lived experience\$).mp.	41382
32	(heidegger\$ or husserl\$ or merleau-pont\$).mp.	1236
33	(colaizzi\$ or giorgi\$).mp.	1894
34	(ricoeur or spiegelberg\$).mp.	359
35	(van kaam\$ or van manen).mp.	232
36	(Grounded adj5 theor\$).mp.	16638
37	(constant compar\$ or theoretical sampl\$ or triangulat\$).ti,ab.	14942
38	(glaser and strauss).mp.	116
39	((content or theme* or thematic or narrative or discourse) adj2 analys*).mp. [mp=title, book title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	87238
40	(unstructured categor\$ or structured categor\$).mp.	28
41	(unstructured interview\$ or semi-structured interview\$ or semistructured interview\$).mp.	60536
42	(maximum variation or snowball).mp.	5825
43	(audiorecord\$ or taperecord\$ or videorecord\$ or videotap\$).mp.	21819
44	((audio or tape or video\$) adj5 record\$).mp.	70262
45	((audio\$ or video\$ or tape\$) adj5 interview\$).mp.	12446
46	(metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$).ti,ab.	2108
47	(meta-ethnog\$ or metaethnog\$ or meta-narrat\$ or metanarrat\$ or meta-interpret\$ or metainterpret\$).mp.	1093

48	(qualitative adj5 meta-analy\$).mp.	892
49	(qualitative adj5 metaanaly\$).mp.	4
50	purposive sampl\$.mp.	11345
51	action <a href="#">research.mp.</a>	5382
52	focus group\$.mp.	66195
53	exp interview/ or exp interviews as topic/ or narration/	106530
54	((audio* or video* or tape* or record*) and (interview* or transcri* or theme* or thematic)).mp.	86403
55	experience*.ti. and (audio* or video* or tape* or record*).mp. and px.fs.	3743
56	((interview* or audio* or video* or record*) and (views or perception* or belief* or attitude* or perspective*)).mp.	243611
57	(photo voice or photovoice or mixed method*).mp.	38436
58	or/20-57	958205
59	6 and 19 and 58	369

#### Embase <1974 to 2022 December 06>

#	Search Statement	Results
1	(exp Caregiver/ or "Parent"/ or (family or families or parent* or mother* or father* or guardian* or caregiv* or carer or carers*).ti.) and ((hope* or joy or blessing* or happiness or burden or sadness or suffering or sorrow or fear or guilt or resilienc* or coping or overload* or strain* or burnout or mental health or wellbeing or well being or financial or psychosocial* or psychological or emotion* or social or hopeless* or helpless* or wellness or "quality of life" or depression or grief or anxiety or distress or hypervigilence or hyper vigilance or exhaustion or ptsd or ptss or "sleep depriv*" or "sleep disturb*" or sacrifice or fatigue or satisfaction or "nocturnal glucose management" or "job loss*" or "work life balance" or career* or work or stress* or ((damage or strengthen* or impact* or tension* or improve or positive or negative) adj3 (family or relationship* or spousal or domestic* or friendship* or marital* or hobby or hobbies or recreation*))).ti,ab. or (*mental stress/ or *psychological resilience/ or exp *socioeconomics/ or *"quality of life"/ or *fear/ or *"cost of illness"/ or exp	237353

	adaptive behavior/ or exp sorrow/ or exp grief/ or exp coping behavior/ or exp work-life balance/ or exp fatigue/ or exp satisfaction/ or exp posttraumatic stress disorder/ or exp employment/ or exp unemployment/ or exp sleep disorder/ or exp wellbeing/))	
2	insulin dependent diabetes mellitus/ or juvenile diabetes mellitus/ or diabetic ketoacidosis/	145151
3	((diabet* or dm) adj4 (type 1 or type1 or type i or type one)).ti,ab.	104262
4	((diabet* adj2 (autoimmun* or auto immun*)) or lada).ti,ab.	6710
5	((diabet* adj2 (brittle or labile)) or (diabet* adj2 (sudden onset or juvenile or childhood))).ti,ab.	4904
6	(diabet* adj3 (keto* or acido* or gastropare*)).ti,ab.	15065
7	(dm1 or iddm or t1d* or dka or ((diabet* adj2 (insulin depend* or insulin deficien*)) not non insulin depend*).ti,ab.	63380
8	diabetes mellitus.ti.	106600
9	(diabet* adj3 (type 2 or type ii)).ti.	127760
10	8 not 9	70760
11	or/2-7,10	235606
12	(adult*.mp. or exp adult/) not ((adult*.mp. or exp adult/) and (child*.mp. or exp child/))	9685969
13	(pregnan* or gestation*).ti.	335349
14	11 not (12 or 13)	145377
15	exp qualitative research/ or grounded theory/	113869
16	exp nursing methodology research/	14829
17	cultural anthropology/	54859
18	hare.ti,ab.	2650
19	<a href="#">qualitative.mp.</a>	420120
20	(ethnol\$ or ethnog\$ or ethnonurs\$ or emic or etic).mp.	92043
21	(leininger\$ or noblit).mp. or hare.ti,ab.	3063

22	(field note\$ or field record\$ or fieldnote\$ or field stud\$).mp.	29241
23	(participant\$ adj3 observ\$).mp.	23293
24	(nonparticipant\$ adj3 observ\$).mp.	194
25	(non participant\$ adj3 observ\$).mp.	1021
26	(hermeneutic\$ or phenomenolog\$ or lived experience\$).mp.	50318
27	(heidegger\$ or husserl\$ or merleau-pont\$).mp.	1432
28	(colaizzi\$ or giorgi\$).mp.	2300
29	(ricoeur or spiegelberg\$).mp.	485
30	(van kaam\$ or van manen).mp.	288
31	(Grounded adj5 theor\$).mp.	20424
32	(constant compar\$ or theoretical sampl\$ or triangulat\$).ti,ab.	18489
33	(glaser and strauss).mp.	152
34	((content or theme* or thematic or narrative or discourse) adj2 analys*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word]	109627
35	(unstructured categor\$ or structured categor\$).mp.	33
36	(unstructured interview\$ or semi-structured interview\$ or semistructured interview\$).mp.	88280
37	(maximum variation or snowball).mp.	7222
38	(audiorecord\$ or taperecord\$ or videorecord\$ or videotap\$).mp.	123553
39	((audio or tape or video\$) adj5 record\$).mp.	47823
40	((audio\$ or video\$ or tape\$) adj5 interview\$).mp.	17497
41	(metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$).ti,ab.	2320
42	(meta-ethnog\$ or metaethnog\$ or meta-narrat\$ or metanarrat\$ or meta-interpret\$ or metainterpret\$).mp.	1218
43	(qualitative adj5 meta-analy\$).mp.	1403

44	(qualitative adj5 metaanaly\$).mp.	19
45	purposive sampl\$.mp.	16147
46	action <a href="#">research.mp.</a>	6692
47	focus group\$.mp.	75229
48	exp interview/	347279
49	((audio* or video* or tape* or record*) and (interview* or transcri* or theme* or thematic)).mp.	129348
50	experience*.ti. and (audio* or video* or tape* or record*).mp.	56347
51	((interview* or audio* or video* or record*) and (views or perception* or belief* or attitude* or perspective*)).mp.	296707
52	(photo voice or photovoice or mixed method*).mp.	44318
53	or/15-52	1319611
54	1 and 14 and 53	667

#### APA PsycInfo <1806 to November Week 4 2022>

#	Search Statement	Results
1	exp caregivers/ or family/ or exp family members/ or exp parental characteristics/ or (family or families or parent* or grandparent* or mother* or father* or guardian* or caregiv* or carer or carers*).ti.	357992
2	(hope* or joy* or blessing* or burden* or sadness or suffering or sorrow or fear or guilt or resilienc* or coping or overload* or strain* or burnout or mental health or wellbeing or well being or financial or psychosocial* or psychological or emotion* or social or hopeless* or helpless* or wellness or "quality of life" or depression or grief or anxiety or distress or hypervigilence or hyper vigilance or exhaustion or (ptsd or ptss or "sleep depriv*" or "sleep disturb*" or sacrifice or fatigue or satisfaction or "nocturnal glucose management" or "job loss*" or "work life balance" or career* or work or ((damage or strengthen* or impact* or tension* or improve or positive or negative) adj3 (family or relationship* or spousal or domestic* or friendship* or marital* or hobby or hobbies or recreation*))) or stress*).ti,ab. or ("resilience (psychological)"/ or "adaptability	2625271

	(personality)" / or coping behavior/ or emotional adjustment/ or emotional stability/ or protective factors/ or psychological endurance/ or psychological stress/ or exp Socioeconomic Status/ or *mental health/ or *resilience, psychological/ or *Fear/ or "quality of life"/ or life satisfaction/ or well being/ or social adjustment/ or exp Unemployment/ or exp Employment Status/ or exp Family Relations/ or exp Financial Strain/ or exp Self-Concept/ or exp Fatigue/ or exp Work-life Balance/ or exp Sleep/ or exp Sleep Wake Disorders/ or exp Sleep Deprivation/ or exp Posttraumatic Stress Disorder/)	
3	exp caregiver burden/	6910
4	(1 and 2) or 3	271752
5	((diabet* or dm) adj4 (type 1 or type1 or type i or type one)).ti,ab.	3147
6	((diabet* adj2 (autoimmun* or auto immun*)) or lada).ti,ab.	37
7	((diabet* adj2 (brittle or labile)) or (diabet* adj2 (sudden onset or juvenile or childhood))).ti,ab.	295
8	(diabet* adj3 (keto* or acido* or gastropare*)).ti,ab.	195
9	(dm1 or iddm or t1d* or dka or ((diabet* adj2 (insulin depend* or insulin deficien*)) not non insulin depend*)).ti,ab.	1786
10	diabetes mellitus.ti.	2543
11	(diabet* adj3 (type 2 or type ii)).ti.	4058
12	10 not 11	1680
13	(adult* not (adult* and child*)).mp.	834691
14	(pregnan* or gestation*).ti.	19042
15	12 not (13 or 14)	1079
16	qualitative study.md.	287804
17	exp qualitative research/ or grounded theory/	20011
18	phenomenology/ or constructivism/ or hermeneutics/	24892
19	ETHNOGRAPHY/	10639
20	exp Content Analysis/	21103



21	<a href="#">qualitative.mp.</a>	214126
22	(ethno\$ or emic or etic).mp.	45986
23	(leininge\$ or noblit or hare).ti,ab.	1472
24	leininge m\$.cu.	8
25	noblit g\$.cu.	0
26	hare r\$.cu.	3
27	(field note\$ or field record\$ or fieldnote\$ or field stud\$).mp.	14622
28	(participant\$ adj3 observ\$).mp.	15609
29	(nonparticipant\$ adj3 observ\$).mp.	222
30	(non participant\$ adj3 observ\$).mp.	460
31	(hermeneutic\$ or phenomenolog\$ or lived experience\$).mp.	69124
32	(heidegger\$ or husserl\$ or merleau-pont\$).mp,cu.	18112
33	(colaizzi\$ or giorgi\$).mp,cu.	8413
34	(ricoeur or spiegelberg\$).mp,cu.	6909
35	(van kaam\$ or van manen).mp,cu.	5061
36	(Grounded adj5 theor\$).mp.	24317
37	(constant compar\$ or theoretical sampl\$ or triangulat\$).ti,ab.	13824
38	(glaser or strauss).mp.	3334
39	glaser b\$.cu.	7
40	strauss a\$.cu.	11
41	((content or theme* or thematic or narrative or discourse) adj2 analys*).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh word]	78790
42	(unstructured categor\$ or structured categor\$).mp.	30
43	(unstructured interview\$ or semi-structured interview\$ or semistructured interview\$).mp.	57571

44	(maximum variation or snowball).mp.	3496
45	(audiorecord\$ or taperecord\$ or videorecord\$ or videotap\$).mp.	24398
46	((audio or video*) adj5 (recorded or recording or tape* or taping)) or (tape adj3 record*).mp.	24309
47	((audio* or video* or tape* or taping or recording) and (interview* or transcri* or theme* or thematic)).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh word]	30230
48	(metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$).ti,ab.	1329
49	(meta-ethnog\$ or metaethnog\$ or meta-narrat\$ or metanarrat\$ or meta-interpret\$ or metainterpret\$).mp.	961
50	(qualitative adj5 meta-analy\$).mp.	354
51	(qualitative adj5 metaanaly\$).mp.	3
52	purposive sampl\$.mp.	6614
53	action <a href="#">research.mp.</a>	11222
54	focus group\$.mp.	45518
55	(photo voice or photovoice or mixed method*).mp.	34455
56	or/16-55	593194
57	4 and 15 and 56	13

## Cinahl Dec 7 2022

Search modes - Find all my search terms

#	Query	Results
S1	qualitative OR ethnoI* OR ethnog* OR ethnonurs* OR emic OR etic OR leininger OR noblit OR "field note*" OR "field record*" OR fieldnote* OR "field stud*" or "participant observ*" OR "participant observation*" OR hermaneutic* OR phenomenolog* OR "lived experience*" OR heidegger* OR husserl* OR "merleau-	547,480

pont\*" OR colaizzi OR giorgi OR ricoeur OR spiegelberg OR "van kaam" OR "van manen" OR "grounded theory" OR "constant compar\*" OR "theoretical sampl\*" OR glaser AND strauss OR "content analy\*" OR "thematic analy\*" OR narrative\* OR "unstructured categor\*" OR "structured categor\*" OR "unstructured interview\*" OR "semi-structured interview\*" OR "maximum variation\*" OR snowball OR audio\* OR tape\* OR video\* OR metasyntes\* OR "meta-syntes\*" OR metasummar\* OR "meta-summar\*" OR metastud\* OR "meta-stud\*" OR "meta-ethnograph\*" OR metaethnog\* OR "meta-narrative\*" OR metanarrat\* OR " meta-interpretation\*" OR metainterpret\* OR "qualitative meta-analy\*" OR "qualitative metaanaly\*" OR "qualitative metanaly\*" OR "purposive sampl\*" OR "action research" OR "focus group\*" OR photovoice or "photo voice" or "mixed method\*"

S2	caregiver* OR guardian* OR carer* OR family OR families OR parent* OR grandparent* OR mother* OR father*	668,191
S3	(MH "Caregivers") OR (MH "Parents+")	138,912
S4	(MH "Grandparents") OR (MH "Extended Family+")	5,717
S5	S2 OR S3 OR S4	668,232
S6	hope* OR joy OR blessing* OR burden* OR sadness OR suffering OR sorrow OR fear OR guilt OR resilienc* OR coping OR overload* OR strain* OR burnout OR mental AND health OR wellbeing OR well AND being OR financial OR psychosocial* OR psychological OR emotion* OR social OR hopeless* OR helpless* OR wellness OR "quality of life" OR depression OR grief OR anxiety OR distress OR hypervigilence OR "hyper vigilance" OR exhaustion OR stress* or ((damage or strengthen* or impact* or tension* or improve or positive or negative) N3 (family or relationship* or spousal or domestic* or friendship* or marital* or hobby or hobbies or recreation*)) or ptsd or ptss or "sleep depriv*" or "sleep disturb*" or sacrifice or fatigue or satisfaction or "nocturnal glucose management" or "job loss*" or "work life balance" or career* or work or stress*	2,210,199
S7	(MH "Stress, Psychological+")	99,794
S8	(MH "Socioeconomic Factors+")	397,804
S9	MH "Quality of Life+")	145,871
S10	(MH "Social Adjustment")	4,619
S11	(MH "Mental Health")	53,166
S12	(MH "Adaptation, Psychological+")	40,106
S13	(MH "Fear+") or (MH "Stress Disorders, Post-Traumatic+") or (MH "Sleep Deprivation") or (MN "Fatigue+") or (MH "Unemployment") or (MH "Employment+") or (MH "Job Accommodation")	106,429
S14	(MH "Economic Aspects of Illness") or (MH "Personal Satisfaction+")	51,262
S15	s6 or S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14	2,380,885

S16	(MH "Caregiver Burden") or (MH "Family Coping")	12,842
S17	(MH "Caregiver Attitudes") OR (MH "Risk for Caregiver Role Strain (NANDA)") OR (MH "Caregiver Well-Being (Iowa NOC)") OR (MH "Caregiver-Patient Relationship (Iowa NOC)") OR (MH "Caregiving Endurance Potential (Iowa NOC)") OR (MH "Family Caregiver Status (Iowa NOC)+") OR (MH "Caregiver Role Strain (Saba CCC)")	3,877
S18	(S16 OR S17)	16,135
S19	S5 AND S15	396,454
S20	S18 OR S19	397,004
S21	(MH "Diabetes Mellitus, Type 1+")	28,508
S22	(MH "Diabetic Ketoacidosis")	2,987
S23	(diabet* or dm) N4 ("type 1" or "type" or "type i" or "type one"))	117,156
S24	((diabet* N2 (autoimmun* or auto immun*)) or lada)	1,547
S25	((diabet* N2 (brittle or labile)) or (diabet* N2 ("sudden onset" or juvenile or childhood)))	1,148
S26	(diabet* N3 (keto* or acido* or gastropare*))	4,452
S27	TI dm1 or iddm or t1d* or dka	7,340
S28	((diabet* N2 ("insulin depend*" or "insulin deficien*")) not "non insulin depend*")	1,909
S29	TI ( ("type2" or "type 2" or "type ii" or "type two" or "adult onset" or gestation* or pregnan* or adult* N2 diabet*)) or AB( ("type2" or "type 2" or "type ii" or "type two" or "adult onset" or gestation* or pregnan* or adult* N2 diabet*))	280,760
S30	(S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28) NOT S29	52,513
S31	S1 AND S20 AND S30	688
S32	adult* NOT ( adult* and (pediatric* or paediatric* or infant or infancy or teen or teens or teenager or "school child" or boy or boys or girl* or adolescen* or pubescen* OR child* ))	1,061,630
S33	s31 not s32	626

### SCOPUS Searched December 07, 2022 Results =122

( TITLE-ABS-KEY ( caregiver\* OR guardian\* OR carer\* OR family OR families OR parent\* OR grandparent\* OR mother\* OR father\* ) ) AND ( TITLE-ABS-KEY ( hope\* OR joy OR blessing\* OR burden\* OR sadness OR suffering OR sorrow OR fear OR guilt OR resilienc\* OR coping OR overload\* OR strain\* OR burnout OR "mental health" OR

wellbeing OR "well being" OR financial OR psychosocial\* OR psychological OR emotion\* OR social OR hopeless\* OR helpless\* OR wellness OR "quality of life" OR depression OR grief OR anxiety OR distress OR hypervigilance OR "hyper vigilance" OR exhaustion OR "nocturnal glucose management" OR "job loss\*" OR "work life balance" OR career\* OR work OR ptsd OR ptss OR "sleep depriv\*" OR "sleep disturb\*" OR fatigue OR sacrifice OR satisfaction OR (( damage OR strengthen\* OR impact\* OR tension\* OR improve OR positive OR negative ) W/3 ( family OR relationship\* OR spousal OR domestic\* OR friendship\* OR marital\* OR hobby OR hobbies OR recreation\* )) OR stress\*)) AND (( TITLE-ABS (( diabet\* W/3 ( autoimmun\* OR "auto immun\*" OR brittle OR labile OR "sudden onset" OR juvenile OR childhood OR keto\* OR acido\* OR gastropare\* )) OR (( ( diabet\* W/2 ( "insulin depend\*" OR "insulin deficien\*" )) not "non insulin depend\*" )) OR ( ( diabet\* OR dm ) W/4 ( "type 1" OR type1 OR "type I" OR "type one" )) )) OR (( TITLE ( "diabetes mellitus" )) AND NOT ( TITLE ( diabet\* W/3 ( "type 2" OR "type two" OR type2 OR "type II" )) )) OR ( TITLE-ABS ( lada OR dm1 OR iddm OR t1d\* OR dka )) ) AND ( TITLE-ABS-KEY ( qualitative OR ethno\* OR ethnog\* OR ethnonurs\* OR emic OR etic OR leininger OR noblit OR "field note\*" OR "field record\*" OR fieldnote\* OR "field stud\*" OR "participant observ\*" OR "participant observation\*" OR hermaneutic\* OR phenomenolog\* OR "lived experience\*" OR heidegger\* OR husserl\* OR "merleau-pont\*" OR colaizzi OR giorgi OR ricoeur OR spiegelberg OR "van kaam" OR "van manen" OR "grounded theory" OR "constant compar\*" OR "theoretical sampl\*" OR ( glaser AND strauss ) OR "content analy\*" OR "thematic analy\*" OR narrative\* OR "unstructured categor\*" OR "structured categor\*" OR "unstructured interview\*" OR "semi-structured interview\*" OR "maximum variation\*" OR snowball OR audio\* OR tape\* OR video\* OR metasynthes\* OR "meta-synthes\*" OR metasummar\* OR "meta-summar\*" OR metastud\* OR "meta-stud\*" OR "meta-ethnograph\*" OR metaethnog\* OR "meta-narrative\*" OR metanarrat\* OR " meta-interpretation\*" OR metainterpret\* OR "qualitative meta-analy\*" OR "qualitative metaanaly\*" OR "qualitative metanaly\*" OR "purposive sampl\*" OR "action research" OR "focus group\*" OR photovoice OR "photo voice" OR "mixed method\*" ) ) AND NOT INDEX ( medline OR embase ) )

### **PROQUEST Dissertations and Theses Global Searched December 07, 2022 Results =106**

noft((qualitative OR ethno\* OR ethnog\* OR ethnonurs\* OR emic OR etic OR leininger OR noblit OR ("field note" OR "field notebooks" OR "field notes") OR ("field record" OR "field recorded" OR "field recorder" OR "field recording" OR "field recordings" OR "field records") OR fieldnote\* OR ("field student" OR "field students" OR "field studies" OR "field study" OR "field studying") OR ("participant observation" OR "participant observer") OR ("participant observation") OR hermaneutic\* OR phenomenolog\* OR ("lived experience" OR "lived experiences") OR heidegger\* OR husserl\* OR "merleau-pont\*" OR colaizzi OR giorgi OR ricoeur OR spiegelberg OR "van kaam" OR "van manen" OR "grounded theory" OR ("constant comparison") OR "theoretical sampl\*" OR ("glaser strauss") OR ("content analyses" OR "content analysis") OR ("thematic analysis") OR narrative\* OR "unstructured categor\*" OR "structured categor\*" OR ("unstructured interviews") OR "semi-structured interview\*" OR "maximum variation\*" OR

snowball OR audio\* OR tape\* OR video\* OR metasyntes\* OR "meta-syntes\*" OR metasummar\* OR "meta-summar\*" OR metastud\* OR "meta-stud\*" OR "meta-ethnograph\*" OR metaethnog\* OR "meta-narrative\*" OR metanarrat\* OR "meta-interpretation\*" OR metainterpret\* OR "qualitative meta-analy\*" OR "qualitative metaanaly\*" OR "purposive sampl\*" OR "action research" OR ("focus group" OR "focus groups") OR photovoice OR "photo voice" OR ("mixed method" OR "mixed methods")) AND noft((caregiver\* OR guardian\* OR carer\* OR family OR families OR parent\* OR grandparent\* OR mother\* OR father\*) AND (pediatric\* OR paediatric\* OR infant OR infancy OR teen OR teens OR teenager OR "school child" OR boy OR boys OR girl\* OR adolescen\* OR pubescen\* OR child\*)) AND noft((hope\* OR joy OR blessing\* OR burden\* OR sadness OR suffering OR sorrow OR fear OR guilt OR resilienc\* OR coping OR overload\* OR strain\* OR burnout OR "mental health" OR wellbeing OR "well being" OR financial OR psychosocial\* OR psychological OR emotion\* OR social OR hopeless\* OR helpless\* OR wellness OR "quality of life" OR depression OR grief OR anxiety OR distress OR hypervigilence OR "hyper vigilence" OR exhaustion OR "nocturnal glucose management" OR "job loss\*" OR "work life balance" OR career\* OR work OR ptsd OR ptss OR "sleep depriv\*" OR "sleep disturb\*" OR fatigue OR sacrifice OR satisfaction OR ((damage OR strengthen\* OR impact\* OR tension\* OR improve OR positive OR negative) W/3 (family OR relationship\* OR spousal OR domestic\* OR friendship\* OR marital\* OR hobby OR hobbies OR recreation\*)) stress\*)) AND noft((TD1 OR TDI OR lada) OR ((diabet\* OR DM) NEAR/3 ("type 1" OR "type i" OR type1 OR "type one" OR autoimmun\* OR ("auto immune") OR brittle OR ("sudden onset") OR juvenile OR childhood OR keto\* OR gastropare\* OR acido\*))

### Cochrane Library Searched December 07, 2022 Results =18

ID	Search	Hits
#1	(qualitative OR ethnol* OR ethnog* OR ethnonurs* OR emic OR etic OR leininger OR noblit OR "field note*" OR "field record*" OR fieldnote* OR "field stud*" or "participant observ*" OR "participant observation*" OR hermaneutic* OR phenomenolog* OR "lived experience*" OR heidegger* OR husserl* OR "merleau-pont*" OR colaizzi OR giorgi OR ricoeur OR spiegelberg OR "van kaam" OR "van manen" OR "grounded theory" OR "constant compar*" OR "theoretical sampl*" OR glaser AND strauss OR "content analy*" OR "thematic analy*" OR narrative* OR "unstructured categor*" OR "structured categor*" OR "unstructured interview*" OR "semi-structured interview*" OR "maximum variation*" OR snowball OR audio* OR tape* OR video* OR metasyntes* OR "meta-syntes*" OR metasummar* OR "meta-summar*" OR metastud* OR "meta-stud*" OR "meta-ethnograph*" OR metaethnog* OR "meta-narrative*" OR metanarrat* OR " meta-interpretation*" OR metainterpret* OR "qualitative meta-analy*" OR "qualitative metaanaly*" OR "qualitative metanaly*" OR "purposive sampl*" OR "action research" OR "focus group*" or photovoice or "photo voice" or "mixed method*"):ti,ab,kw	76399
#2	(caregiver* OR guardian* OR carer* OR family OR families OR	

parent* OR grandparent* OR mother* OR father*):ti	27938
#3 (hope* OR joy OR blessing* OR burden* OR sadness OR suffering OR sorrow OR fear OR guilt OR resilienc* OR coping OR overload* OR strain* OR burnout OR mental AND health OR wellbeing OR well AND being OR OR psychosocial* OR psychological OR emotion* OR social OR hopeless* OR helpless* OR wellness OR "quality of life" OR depression OR grief OR anxiety OR distress OR hypervigilance OR hyper AND vigilance OR exhaustion OR stress* OR "nocturnal glucose management" OR "job loss*" OR "work life balance" OR career* OR work OR ptsd OR ptss OR "sleep depriv*" or stress OR "sleep disturb*" OR fatigue OR sacrifice OR satisfaction):TI	132055
#4 #2 and #3	5677
#5 [mh ^"Diabetes Mellitus, Type 1"]	6150
#6 (diabet* or DM and "type 1" OR "type i" OR type1 OR "type one" OR autoimmun* OR "auto immune" OR brittle OR "sudden onset" OR juvenile OR childhood OR keto* OR gastropare* OR acido*):TI	78978
#7 (TD1 or TDI or lada):TI	54
#8 #5 OR #6 OR #7	80169
#9 #1 AND #4 AND #8	20
#10 TD2 or "type 2" OR "type two" OR type2 OR "type II" or elderly or elders or pregnan* or "adult onset" or gestation* or TDII 200888	
#11 #9 not #10	18

#### PROSPERO <1974 to 2022 December 06>

Line	Search for	Hits
#1	(qualitative OR ethmol* OR ethnog* OR ethnonurs* OR emic OR etic OR leininger OR noblit OR ("field note" OR "field notebooks" OR "field notes") OR ("field record" OR "field recorded" OR "field recorder" OR "field recording" OR "field recordings" OR "field records") OR fieldnote* OR ("field student" OR "field students" OR "field studies" OR "field study" OR "field studying") OR ("participant observation" OR "participant observer") OR ("participant observation") OR hermaneutic* OR phenomenolog* OR ("lived experience" OR "lived experiences") OR heidegger* OR husserl* OR "merleau-pont*" OR colaizzi OR giorgi OR ricoeur OR spiegelberg OR "van kaam" OR "van	86852

- manen" OR "grounded theory" OR ("constant comparison") OR "theoretical sampl\*" OR (glaser AND strauss) OR ("content analyses" OR "content analysis") OR ("thematic analysis") OR narrative\* OR "unstructured categor\*" OR "structured categor\*" OR ("unstructured interviews") OR "semi-structured interview\*" OR "maximum variation\*" OR snowball OR audio\* OR tape\* OR video\* OR metasyntes\* OR "meta-syntes\*" OR metasummar\* OR "meta-summar\*" OR metastud\* OR "meta-stud\*" OR "meta-ethnograph\*" OR metaethnog\* OR "meta-narrative\*" OR metanarrat\* OR "meta-interpretation\*" OR metainterpret\* OR "qualitative meta-analy\*" OR "qualitative metaanaly\*" OR "purposive sampl\*" OR "action research" OR ("focus group" OR "focus groups") OR photovoice OR "photo voice" OR "mixed method" OR "mixed methods")
- #2 (((caregiver\* OR guardian\* OR carer\* OR family OR families OR parent\* OR grandparent\* OR mother\* OR father\*))) :TI 3856
- #3 (hope\* OR joy OR blessing\* OR burden\* OR sadness OR suffering OR sorrow OR fear OR guilt OR resilienc\* OR coping OR overload\* OR strain\* OR burnout OR mental AND health OR wellbeing OR well AND being OR financial OR psychosocial\* OR psychological OR emotion\* OR social OR hopeless\* OR helpless\* OR wellness OR "quality of life" OR depression OR grief OR anxiety OR distress OR hypervigilence OR hyper AND vigilence OR exhaustion OR stress\*) 6612
- #4 ptsd or ptss or "sleep depriv\*" or "sleep disturb\*" or sacrifice or fatigue or satisfaction or "nocturnal glucose management" or "job loss\*" or "work life balance" or career\* or work 35745
- #5 ((family or relationship\* or spousal or domestic\* or friendship\* or marital\* or hobby or hobbies or recreation\*)) :TI 3398



#6	religion or spiritual*	1300
#7	#3 OR #4 OR #5 OR #6	41892
#8	TD1 OR TDI OR lada or "insulin pump*" or "Continuous glucose monitor*" or CGM or "blood glucose monitor*"	407
#9	diabet* or DM and ("type 1" OR "type i" OR type1 OR "type one" OR autoimmun* OR ("auto immune") OR brittle OR ("sudden onset") OR juvenile OR childhood OR keto* OR gastropare* OR acido*)	3842
#10	#8 OR #9	4041
#11	#1 AND #2 AND #7 AND #10	31

*Note.* Searching PROSPERO allowed us to examine works in progress, giving us the opportunity to query authors or do supplementary searching for materials that might not have appeared in the standard searches. Searching PROSPERO thus allowed us to increase the thoroughness of our search.