Supplement Table S1-1

Search methodology

Search strategies

1 diabetes. ab, kw, ti.
2 diabetes mellitus. ab, kw, ti.
3 "diabetic*". ab, kw, ti.
4 1 or 2 or 3
5 mri. ab, kw, ti.
6 MR. ab, kw, ti.
7 "magnetic resonance imag*". ab, kw, ti.
8 cardiac magnetic resonance. ab, kw, ti.
9 cmr. ab, kw, ti.
10 late gadolinium enhancement. ab, kw, ti.
11 lge. ab, kw, ti.
12 delayed gadolinium enhancement. ab, kw, ti.
13 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12
14 prognosis. sh.
15 diagnosed. tw.
16 cohort:.mp.
17 predictor:.mp.
18 death.mp.
19 exp *models, statistical/
20 14 or 15 or 16 or 17 or 18 or 19
21 4 and 13 and 20
22 limit 21 to English language  [Limit not valid in CDSR, CCA, CLCMR; records were retained]
23 limit 22 to human  [Limit not valid in CDSR, CCA, CLCMR; records were retained]

24 limit 23 to journal article  [Limit not valid in CDSR, CCA, Embase; records were retained]

25 limit 24 to (embase or medline)  [Limit not valid in CDSR, CCA, CLCMR, Ovid MEDLINE(R); records were retained]

1 to 25 were performed in OvidSP platform.
**Supplement Table S1-2**

Search methodology

Search strategies

1 diabetes[Title/Abstract]

2 "diabetes mellitus"[Title/Abstract]

3 "diabetic*"[Title/Abstract]

4 1 or 2 or 3

5 mri[Title/Abstract]

6 MR[Title/Abstract]

7 "magnetic resonance imag*"[Title/Abstract]

8 "Magnetic Resonance Imaging"[MeSH Terms]

9 "cardiac magnetic resonance"[Title/Abstract]
10 cmr[Title/Abstract]
11 "late gadolinium enhancement" [Title/Abstract]
12 LGE[Title/Abstract]
13 "delayed gadolinium enhancement"[ Title/Abstract]
14 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13
15 prognosis[ MeSH Terms]
16 diagnosed[Title/Abstract]
17 cohort:[MeSH Terms]
18 "predictor*"[Title/Abstract]
19 death[MeSH Terms]
20 models, statistical[MeSH Terms]
21 15 or 16 or 17 or 18 or 19 or 20
22 4 and 14 and 21
23 "english and humans"[Filter]
24 22 and 23
25 journal article[Filter]
26 24 and 25

1 to 26 were performed in PubMed.
Supplement Table S1-3

Search methodology

Search strategies

1 diabetes:ti,ab,kw
2 "diabetes mellitus":ti,ab,kw
3 "diabetic*":ti,ab,kw
4 1 or 2 or 3
5 mri:ti,ab,kw
6 MR:ti,ab,kw
7 "magnetic resonance imag*":ti,ab,kw
8 "Magnetic Resonance Imaging"[MeSH Terms]
9 "cardiac magnetic resonance":ti,ab,kw
10 cmr:ti,ab,kw
11 "late gadolinium enhancement":ti,ab,kw
12 LGE:ti,ab,kw
13 "delayed gadolinium enhancement":ti,ab,kw
14 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13
15 prognosis[MeSH Terms]
16 diagnosed:ti,ab,kw
17 cohort:[MeSH Terms]
18 "predictor*":ti,ab,kw
19 death[MeSH Terms]
20 models, statistical[MeSH Terms]
21 15 or 16 or 17 or 18 or 19 or 20
22 4 and 14 and 21
1 to 26 were performed in Cochrane Library.