

*Appendix I: Search strategy***Search strategy for PubMed**

No.	Search terms
1.	Diabetes Mellitus, Adult-Onset <input type="checkbox"/> Diabetes Mellitus, Noninsulin-Dependent
2.	Diabetes Mellitus, Ketosis-Resistant
3.	Diabetes Mellitus, Maturity-Onset
4.	Diabetes Mellitus, Non-Insulin Dependent
5.	Non-Insulin-Dependent Diabetes Mellitus
6.	Diabetes Mellitus, Slow-Onset
7.	Diabetes Mellitus, Stable
8.	NIDDM
9.	Diabetes Mellitus, Type II
10.	Thiamin
11.	Vitamin B1
12.	Aneurin
13.	Vitamin B 1
14.	Thiamine Mononitrate
15.	S-benzoylthiamine monophosphate
16.	Benfotiamine
17.	Benphothiamine
18.	Blood sugar
19.	Fasting blood glucose
20.	Post prandial blood glucose
21.	Glycosylated haemoglobin
22.	HbA1C
23.	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9
24.	10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17
25.	18 OR 19 OR 20 OR 21 OR 22

26.	23 AND 24 AND 25
27.	limit 26 to (english language and humans and (adaptive clinical trial or clinical study or clinical trial, all or clinical trial, phase i or clinical trial, phase ii or clinical trial, phase iii or clinical trial, phase iv or clinical trial or RCT))
28.	limit 27 to adults more than 19 years

Search strategy for Cochrane Library

No.	Search terms
1.	Mesh descriptor [Diabetes Mellitus, type 2] explode all trees
2.	Mesh descriptor [vitamin B1] explode all trees
3.	Mesh descriptor [thiamine] explode all trees
4.	Mesh descriptor [Benfotiamine] explode all trees
5.	Mesh descriptor [Glycated haemoglobin] explode all trees
6.	Mesh descriptor [Blood glucose] explode all trees
7.	#2 OR #3 OR #4
8.	#5 OR #6
9.	#1 and #7 and #8

Search strategy for Tripdatabase

No.	Search terms
1.	NIDDM
2.	Type II Diabetes mellitus
3.	Non Insulin Dependent Diabetes Mellitus
4.	Diabetes Mellitus, Type II
5.	Adults
6.	Vitamin B1
7.	Thiamine
8.	Benfotiamine
9.	Benphothiamine
10.	Fasting blood glucose
11.	FBG
12.	Post prandial blood glucose
13.	PPG
14.	HbA1C
15.	Glycosylated hemoglobin
16.	Glycatedhemoglobin
17.	1 OR 2 OR 3 OR 4
18.	6 OR 7 OR 8 OR 9
19.	10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16
20.	5 AND 17 AND 18 AND 19

