**Additional file 2: Search string and results**

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| --- | --- | --- | --- |
| **SNo** | **Database/**  **gateways** | **Search string** | **Search result** |
| 1 | PubMed, | "glycemic control"[Ti/Ab] OR ("blood glucose control "[Ti/Ab] OR "blood sugar control"[Ti/Ab] OR "blood glucose monitoring"[Ti/Ab] OR ("glycemic monitoring"[Ti/Ab] AND diabet\*[Ti/Ab] OR prediabet\*[Ti/Ab] OR DMi[Ti/Ab] OR "DMi"[Ti/Ab] OR DM1[Ti/Ab] OR "DM 1"[Ti/Ab] OR DMii[Ti/Ab] OR "DM ii"[Ti/Ab] OR DM2[Ti/Ab] OR "DM 2"[Ti/Ab] OR (DM type\* 2[Ti/Ab] OR hyperglycemia[Ti/Ab] OR hyperglycemi\*[Ti/Ab] OR Hyper glycem\*[Ti/Ab] AND developing countr\*"[Ti/Ab] OR middle income\*countr\*[Ti/Ab] OR nation\*[Ti/Ab] OR econom\*[Ti/Ab] OR developing (countr\*[Ti/Ab] OR nation[Ti/Ab] OR nations[Ti/Ab] OR econom\*[Ti/Ab]) OR ("under developed"[Ti/Ab] OR underdeveloped (countr\*[Title/Abstract] OR nation\*[Ti/Ab] OR econom\*[Ti/Ab) OR ("3rd world" (countr\*[Ti/Ab] OR nation\*[Ti/Ab] OR econom\*[Ti/Ab OR ("third world" (countr\*[Ti/Ab] OR nation\*[Ti/Ab] OR econom\*[Ti/Ab] OR (LAMI (countr\*[Ti/Ab] OR nation\*[Ti/Ab] OR econom\*[Ti/Ab) OR (LMIC (countr\*[Ti/Ab] OR nation\*[Ti/Ab] OR econom\*[Ti/Ab]) OR ("poor income" (countr\*[Ti/Ab] OR nation\*[Ti/Ab] OR econom\*[Ti/Ab] OR (low\* income (countr\*[Ti/Ab] OR nation\*[Ti/Ab] OR econom\*[Ti/Ab]) OR (less\* developed (countr\*[Ti/Ab] OR nation\*[Ti/Ab] OR econom\*[Ti/Ab]) OR ("least developed" (countr\*[Ti/Ab] OR nation\*[Ti/Ab] OR econom\*[Ti/Ab]) OR (asia/[Ti/Ab] OR far east/[Ti/Ab] OR middle east/[Ti/Ab] OR south asia/[Ti/Ab]) OR (africa/[Ti/Ab] | 816 |
| 2 | Embase, | “glycemic control” OR ”blood glucose control” OR “blood sugar control” OR “blood glucose monitoring” AND diabete\* OR “diabetes mellitus” OR prediabetes\* OR “type 1 diabetes mellitus” OR DM1 OR “type 2 diabetes mellitus” OR DM2 OR Hyperglyc?emi\* OR (high or raised or elevated)Adj3 blood glucose AND developing countr\* OR developing adj3(countr\* or nation\* or econom\*) OR (under developed or underdeveloped(countr\* or nation\* or econom\* )) OR third world adj3(countr\* or nation\* or econom\*) or 3rd world adj3(countr\* or nation\* or econom\*) OR LAMICs adj3(countr\* or nation\* or econom\*) OR LMICs adj3(countr\* or nation\* or econom\*) OR poor income adj3(countr\* or nation\* or econom\*) OR low\*income (countr\* or nation\* or econom\*) OR less developed adj3(countr\* or nation\* or econom\*) OR least developed adj3(countr\* or nation\* or econom\*) | 1120 |
| 3 | OVID, | “glycemic control” OR ”blood glucose control” OR “blood sugar control” OR “blood glucose monitoring” AND diabete\* OR “diabetes mellitus” OR prediabetes\* OR “type 1 diabetes mellitus” OR DM1 OR “type 2 diabetes mellitus” OR DM2 OR Hyperglyc?emi\* OR (high or raised or elevated)Adj3 blood glucose AND developing countr\* OR developing adj3(countr\* or nation\* or econom\*) OR (under developed or underdeveloped(countr\* or nation\* or econom\* )) OR third world adj3(countr\* or nation\* or econom\*) or 3rd world adj3(countr\* or nation\* or econom\*) OR LAMICs adj3(countr\* or nation\* or econom\*) OR LMICs adj3(countr\* or nation\* or econom\*) OR poor income adj3(countr\* or nation\* or econom\*) OR low\*income (countr\* or nation\* or econom\*) OR less developed adj3(countr\* or nation\* or econom\*) OR least developed adj3(countr\* or nation\* or econom\*) | 485 |
| 4 | CINAHL Plus, | “glycemic control” OR ”blood glucose control” OR “blood sugar control” OR “blood glucose monitoring” AND diabete\* OR “diabetes mellitus” OR prediabetes\* OR “type 1 diabetes mellitus” OR DM1 OR “type 2 diabetes mellitus” OR DM2 OR Hyperglyc?emi\* OR (high or raised or elevated)Adj3 blood glucose AND developing countr\* OR developing adj3(countr\* or nation\* or econom\*) OR (under developed or underdeveloped(countr\* or nation\* or econom\* )) OR third world adj3(countr\* or nation\* or econom\*) or 3rd world adj3(countr\* or nation\* or econom\*) OR LAMICs adj3(countr\* or nation\* or econom\*) OR LMICs adj3(countr\* or nation\* or econom\*) OR poor income adj3(countr\* or nation\* or econom\*) OR low\*income (countr\* or nation\* or econom\*) OR less developed adj3(countr\* or nation\* or econom\*) OR least developed adj3(countr\* or nation\* or econom\*) | 764 |
| 5 | Cochran Library | “glycemic control” OR ”blood glucose control” OR “blood sugar control” OR “blood glucose monitoring” AND diabete\* OR “diabetes mellitus” OR prediabetes\* OR “type 1 diabetes mellitus” OR DM1 OR “type 2 diabetes mellitus” OR DM2 OR Hyperglyc?emi\* OR (high or raised or elevated)Adj3 blood glucose AND developing countr\* OR developing adj3(countr\* or nation\* or econom\*) OR (under developed or underdeveloped(countr\* or nation\* or econom\* )) OR third world adj3(countr\* or nation\* or econom\*) or 3rd world adj3(countr\* or nation\* or econom\*) OR LAMICs adj3(countr\* or nation\* or econom\*) OR LMICs adj3(countr\* or nation\* or econom\*) OR poor income adj3(countr\* or nation\* or econom\*) OR low\*income (countr\* or nation\* or econom\*) OR less developed adj3(countr\* or nation\* or econom\*) OR least developed adj3(countr\* or nation\* or econom\*) | 290 |
| 6 | PsychInfo, | “glycemic control” OR ”blood glucose control” OR “blood sugar control” OR “blood glucose monitoring” AND diabete\* OR “diabetes mellitus” OR prediabetes\* OR “type 1 diabetes mellitus” OR DM1 OR “type 2 diabetes mellitus” OR DM2 OR Hyperglyc?emi\* OR (high or raised or elevated)Adj3 blood glucose AND developing countr\* OR developing adj3(countr\* or nation\* or econom\*) OR (under developed or underdeveloped(countr\* or nation\* or econom\* )) OR third world adj3(countr\* or nation\* or econom\*) or 3rd world adj3(countr\* or nation\* or econom\*) OR LAMICs adj3(countr\* or nation\* or econom\*) OR LMICs adj3(countr\* or nation\* or econom\*) OR poor income adj3(countr\* or nation\* or econom\*) OR low\*income (countr\* or nation\* or econom\*) OR less developed adj3(countr\* or nation\* or econom\*) OR least developed adj3(countr\* or nation\* or econom\*) | 204 |
| 7 | Google Scholar | "glycemic control" OR ("blood glucose control " OR "blood sugar control"OR "blood glucose monitoring" OR "glycemic monitoring" AND diabetes OR “Type 1 diabetes” OR “Type 2 diabetes” AND “Low and middle income countries” OR LMICs | 165 |
| 8 | Google | "glycemic control" OR ("blood glucose control " OR "blood sugar control"OR "blood glucose monitoring" OR "glycemic monitoring" AND diabetes OR “Type 1 diabetes” OR “Type 2 diabetes” AND “Low and middle income countries” OR LMICs | 115 |