

Supplementary Table 1. Search strategy

Database	Time span	Search strategy
Medline	1946– 2015.05	<ol style="list-style-type: none"> 1. ezetimibe[tiab] OR ezetimib[tiab] 1835 2. "ezetimibe" [Supplementary Concept] 1320 3. 1 OR 2 2085 4. ("Hydroxymethylglutaryl-CoA Reductase Inhibitors"[Mesh]) OR "Hydroxymethylglutaryl-CoA Reductase Inhibitors" [Pharmacological Action] 30544 5. Statins[tiab] OR Statin[tiab] OR "Hydroxymethylglutaryl-CoA Reductase Inhibitors"[tiab] OR "HMG-CoA Reductase Inhibitors"[tiab] OR "HMG-CoA Reductase Inhibitor"[tiab] OR "HMG-CoA Inhibitors"[tiab] OR "HMG-CoA Inhibitor"[tiab] OR atorvastatin[tiab] OR BMY 21950[tiab] OR cerivastatin[tiab] OR crilvastatin[tiab] OR fermodulin[tiab] OR fluvastatin[tiab] OR Lovastatin[tiab] OR Meglutol[tiab] OR mevastatin[tiab] OR "phosphoadenosinediphosphoribose"[tiab] OR pitavastatin[tiab] OR Pravastatin[tiab] OR red yeast rice[tiab] OR rosuvastatin[tiab] OR Simvastatin[tiab] 37958 6. 4 OR 5 43462 7. 3 OR 6 44027 8. steatohepatitis[tiab] OR Steatohepatitides[tiab] OR "fatty liver"[tiab] OR "hepatic fat"[tiab] 17500 9. ("Fatty Liver"[Mesh:NoExp]) OR "Non-alcoholic Fatty Liver Disease"[Mesh] OR ("Liver/metabolism"[Mesh] OR "Liver/pathology"[Mesh]) 280089 10. 8 OR 9 285684 11. 7 AND 10 1464 12. (groups[tiab] OR trial[tiab] OR randomly[tiab] OR "drug therapy"[subheading] OR placebo[tiab] OR randomized[tiab] OR "controlled clinical trial"[ptyp] OR "randomized controlled trial"[ptyp]) NOT (animals[Mesh Term] NOT (humans[Mesh Term] AND animals[Mesh Term])) 3081519 13. 11 AND 12 368
Embase	1974– 2015.05	<ol style="list-style-type: none"> 1. ezetimibe:ab,ti OR ezetimib:ab,ti 2933 2. 'ezetimibe'/exp 6237 3. 1 OR 2 6652 4. 'hydroxymethylglutaryl coenzyme A reductase inhibitor'/exp 101806 5. Statins:ab,ti OR Statin:ab,ti OR 'Hydroxymethylglutaryl-CoA Reductase Inhibitors':ab,ti OR 'HMG-CoA Reductase Inhibitors':ab,ti OR 'HMG-CoA Reductase Inhibitor':ab,ti OR 'HMG-CoA Inhibitors':ab,ti OR 'HMG-CoA Inhibitor':ab,ti OR atorvastatin:ab,ti OR cerivastatin:ab,ti OR crilvastatin:ab,ti OR fermodulin:ab,ti OR fluvastatin:ab,ti OR Lovastatin:ab,ti OR Meglutol:ab,ti OR mevastatin:ab,ti OR 'phosphoadenosinediphosphoribose':ab,ti OR pitavastatin:ab,ti OR Pravastatin:ab,ti OR redyeastrice:ab,ti OR rosuvastatin:ab,ti OR Simvastatin:ab,ti 56766 6. 4 OR 5 108937 7. 3 OR 6 109970 8. steatohepatitis:ab,ti OR Steatohepatitides:ab,ti OR 'fatty liver':ab,ti OR 'hepatic fat':ab,ti 26638 9. 'fatty liver'/de OR 'nonalcoholic fatty liver'/exp 39529 10. 8 OR 9 43645 11. 7 AND 10 1417 12. 'crossover procedure'/exp OR 'double blind procedure'/exp OR 'randomized controlled trial'/exp OR 'single blind procedure'/exp OR random* OR factorial* OR crossover* OR 'cross over' OR 'cross-over' OR placebo* OR (doubl* AND blind*) OR (singl* AND blind*) OR assign* OR allocat* OR volunteer* 1766501 13. 11 AND 12 417 14. 11 AND ('conference abstract'/it OR 'conference review'/it) 180 15. 13 OR 14 561

(Continued)

Supplementary Table 1. Continued

Database	Time span	Search strategy
Cochrane	2015.05	<ol style="list-style-type: none"> 1. ezetimibe or ezetimib:ti,ab,kw 622 2. MeSH descriptor: [Hydroxymethylglutaryl-CoA Reductase Inhibitors] explode all trees 2843 3. MeSH descriptor: [Hydroxymethylglutaryl-CoA Reductase Inhibitors] explode all trees and with qualifier(s): [Pharmacology - PD] 363 4. Statins or Statin or "Hydroxymethylglutaryl-CoA Reductase Inhibitors" or "HMG-CoA Reductase Inhibitors" or "HMG-CoA Reductase Inhibitor" or "HMG-CoA Inhibitors" or "HMG-CoA Inhibitor" or atorvastatin or BMY 21950 or cerivastatin or crilvastatin or fermodulin or fluvastatin or Lovastatin or Meglutol or mevastatin or "phosphoadenosinediphosphoribose" or pitavastatin or Pravastatin or red yeast rice or rosuvastatin or Simvastatin:ti,ab,kw 9064 5. 1 - 4 / OR 9151 6. steatohepatitis or Steatohepatitides or "fatty liver" or "hepatic fat":ti,ab,kw 869 7. MeSH descriptor: [Fatty Liver] this term only 306 8. MeSH descriptor: [Non-alcoholic Fatty Liver Disease] explode all trees 17 9. MeSH descriptor: [Liver] explode all trees and with qualifier(s): [Metabolism - ME] 765 10. MeSH descriptor: [Liver] explode all trees and with qualifier(s): [Pathology - PA] 684 11. 6 - 10 / OR 2147 12. 5 AND 11 58 13. 12 / Trial 56
KoreaMed	2015.05	<ol style="list-style-type: none"> 1. ezetimibe[ALL] OR ezetimib[ALL] 2. Statins[ALL] OR Statin[ALL] OR "Hydroxymethylglutaryl-CoA Reductase Inhibitors"[ALL] OR "HMG-CoA Reductase Inhibitors"[ALL] OR "HMG-CoA Reductase Inhibitor"[ALL] OR "HMG-CoA Inhibitors"[ALL] OR "HMG-CoA Inhibitor"[ALL] OR atorvastatin[ALL] OR BMY 21950[ALL] OR cerivastatin[ALL] OR crilvastatin[ALL] OR fermodulin[ALL] OR fluvastatin[ALL] OR Lovastatin[ALL] OR Meglutol[ALL] OR mevastatin[ALL] OR "phosphoadenosinediphosphoribose" [ALL] OR pitavastatin[ALL] OR Pravastatin[ALL] OR red yeast rice[ALL] OR rosuvastatin[ALL] OR Simvastatin[ALL] 3. 1 OR 2 103 4. steatohepatitis[ALL] OR Steatohepatitides[ALL] OR "fatty liver"[ALL] OR "hepatic fat"[ALL] 5. 3 AND 4 2