Appendix 1. Electronic search strategies

| Search Strategy                                                                 | Document Term                  |
|-------------------------------------------------------------------------------|-------------------------------|
| HYPERTENSION          [dt=Drug Therapy]                                       | *CAPTOPRIL/captopril.ti        |
| BLOOD PRESSURE          [de=Drug Effects]                                     | *CILAZAPRIL/cilazapril.ti      |
| ANTIHYPERTENSIVE AGENTS  [tu=Therapeutic Use]                                | *ENALAPRIL/enalapril.ti        |
| "VASODILATOR AGENTS"     [vasodilator* AND agent*].ti                       | *FOSINOPRIL/fosinopril.ti      |
| ambrisentan.ti                                                      | imidapril.ti                   |
| *DIAZOXIDE/diazoxide.ti                                                | *LISINOPRIL/lisinopril.ti      |
| *HYDRAZINE/hydralazine.ti                                               | moexipril.ti                   |
| *ILOPROST/loprost.ti                                                    | *PERINDOPRIL/perindopril.ti    |
| *MINOXIDIL/minoxidil.ti                                                 | quinapril.ti                   |
| sildenafil.ti                                                           | *RAMIPRIL/ramipril.ti          |
| *VASODILATOR AGENTS       [(vasodilator* AND agent*).ti]                    | trandolapril.ti                |
| *NITROPRUSSIDE/nitroprusside.ti                                         | *ANGIOTENSIN II TYPE 1 RECEPTOR BLOCKERS/azilsartan.ti |
| tadalafil.ti                                                           | candesartan.ti                 |
| *METHYLDOPA/methyldopa.ti                                                | eprosartan.ti                  |
| *CLONIDINE/clonidine.ti                                                  | irbesartan.ti                  |
| methyldopa.ti                                                          | *LOSARTAN/losartan.ti          |
| *GUANETHIDINE/guanethidine.ti                                            | omesartan.ti                   |
| *ADRENERGIC ALPHA–ANTAGONISTS/*DOXAZOSIN/doxazosin.ti                    | valsartan.ti                   |
| *INDORAMIN/indoraminti                                                  | (renin AND inhibitor*).ti       |
| *PRAZOSIN/prazosin.ti                                                   | aliskiren.ti                   |
| terazosin.ti                                                            | *CALCIUM CHANNEL BLOCKERS/*AMLODIPINE/amlo dipine.ti                       |
| *PHENOXYBENZAMINE/phenox ybenzamine.ti                                   | *DILTIAZEM/diltiazem.ti         |
| *PHENTOLAMINE/phentolamine.ti                                           | *FELODIPINE/felodipine.ti      |
| *ADRENERGIC BETA–ANTAGONISTS/*ATENOLOL/atenolol.ti                      | *ISRADIPINE/isradipine.ti      |
| *METOPROLOL/metoprolol.ti                                                | facilipine.ti                  |
| *PINDOLOL/pindolold.ti                                                   | lercanidipine.ti               |
| *TIMOLOL/timolol.ti                                                      | *NICARDIPINE/nicardipine.ti    |
| *OXPRESNOLOL/oxprenolol.ti                                              | *NIFEDIPINE/nifedipine.ti      |
| nebivolol.ti                                                            | *NISOLDIPINE/nisoldipine.ti    |
| *NADOLOL/nadolol.ti                                                      | *VERAPAMIL/verapamil.ti        |
| *LABETALOL/labetalol.ti                                                   | *NITRENDIPINE/nitrendipine.ti  |
| *CELIPROLOL/celiprolol.ti                                               | Or/1–75                        |
| carvedilol.ti                                                           | Cerebrovascular Disorders[all fields]                                       |
| *BISOPROLOL/bisoprolol.ti                                               | stroke[all fields]             |
| *ACEBUTOLOL/acebutolol.ti                                                | Brain infarction[all fields]   |
| *PROPRA NOLOL/prop ranol o l.ti                                          | Cerebral infarction[all fields]|
| *SODIUM CHLORIDE SYMPORTERINHIBITORS/[diuretic* AND thiazide*].ti        | Brain ischemia[all fields]     |
| *HYDROCHLOROTHIAZIDE/hydrochlorothiazide.ti                              | Cerebral hemorrhage[all fields]|
| *TRICHLOREMETHA ZIDE/trichlormethiazide.ti                             | Intracranial Hemorrhages[all fields]|
| *SPIRONOLACTONE/spironolactone.ti                                       | Or/77–83                       |
| *CHLORTHALIDONE/chlorthalidone.ti                                       | 76 and 84                      |
| *INDAPAMIDE/indapamidet.i                                               |                                |