

Table A1. Search strategy on PubMed/Medline.

((“atrial fibrillation” [all] OR “Atrial Fibrillations”[all] OR “Fibrillation AND Atrial”[all] OR “Fibrillations AND Atrial”[all] OR “Auricular Fibrillation”[all] OR “Auricular Fibrillations”[all] OR “Fibrillation AND Auricular”[all] OR “Fibrillations AND Auricular” [all] OR “Persistent Atrial Fibrillation”[all] OR (“Atrial Fibrillation”[all] AND “Persistent”[all]) OR (“Atrial Fibrillations”[all] AND “Persistent”[all]) OR (“Fibrillation”[all] AND “Persistent Atrial”[all]) OR (Fibrillations AND “Persistent Atrial”[all]) OR “Persistent Atrial Fibrillations”[all] OR “Familial Atrial Fibrillation”[all] OR (“Atrial Fibrillation”[all] AND Familial) OR (“Atrial Fibrillations” [all] AND “Familial”[all]) OR “Familial Atrial Fibrillations”[all] OR (“Fibrillation”[all] AND “Familial Atrial”[all]) OR (“Fibrillations”[all] AND “Familial Atrial”[all]) OR “Paroxysmal Atrial Fibrillation”[all] OR (“Atrial Fibrillation”[all] AND “Paroxysmal”[all]) OR (“Atrial Fibrillations”[all] AND “Paroxysmal”[all]) OR (“Fibrillation”[all] AND “Paroxysmal Atrial”[all]) OR (“Fibrillations”[all] AND “Paroxysmal Atrial”[all]) OR “Paroxysmal Atrial Fibrillations”[all] AND (“Metoprolol” [all] OR “Toprol”[all] OR “Betaloc”[all] OR “Betaloc-Astra”[all] OR “Betaloc Astra”[all] OR “Betalok”[all] OR “Metoprolol Tartrate”[all] OR “Seloken”[all] OR “Spesicor”[all] OR “Spesikor”[all] OR “Metoprolol CR-XL”[all] OR “Metoprolol Succinate”[all] OR “Metoprolol CR XL”[all] OR “Toprol-XL”[all] OR “Toprol XL”[all] OR “Beloc-Duriles”[all] OR “Beloc Duriles”[all] OR “Lopressor”[all] OR “Carvedilol Hydrochloride” [all] OR “Dilatrend”[all] OR “Querto”[all] OR “Eucardic”[all] OR (“Carvedilol” [all] AND “(S)-isomer” [all]) OR “Kredex”[all] OR (“Carvedilol[all] AND “(R)-isomer”[all]) OR (“Carvedilol” [all] AND “(+)-isomer” [all]) OR (“Carvedilol”[all] AND “4C-labeled”[all]) OR “4C-labeled Carvedilol”[all] OR (“Carvedilol[all] AND “4C labeled”[all]) OR “Coropres”[all] OR “Coreg”[all]))

Table A2. Search strategy on Scopus.

(TITLE-ABS (“atrial fibrillation”) OR TITLE-ABS (“Atrial Fibrillations”) OR TITLE-ABS (Fibrillation AND Atrial) OR TITLE-ABS (Fibrillations AND Atrial) OR TITLE-ABS (“Auricular Fibrillation”) OR TITLE-ABS (“Auricular Fibrillations”) OR TITLE-ABS (Fibrillation AND Auricular) OR TITLE-ABS (Fibrillations AND Auricular) OR TITLE-ABS (“Persistent Atrial Fibrillation”) OR TITLE-ABS (“Atrial Fibrillation” AND Persistent) OR TITLE-ABS (“Atrial Fibrillations” AND “Persistent”) OR TITLE-ABS (“Fibrillation” AND “Persistent Atrial”) OR TITLE-ABS (Fibrillations AND “Persistent Atrial”) OR TITLE-ABS (“Persistent Atrial Fibrillations”) OR TITLE-ABS (“Familial Atrial Fibrillation”) OR TITLE-ABS (“Atrial Fibrillation” AND Familial) OR TITLE-ABS (“Atrial Fibrillations” AND “Familial”) OR TITLE-ABS (“Familial Atrial Fibrillations”) OR TITLE-ABS (“Fibrillation” AND “Familial Atrial”) OR TITLE-ABS (“Fibrillations” AND “Familial Atrial”) OR TITLE-ABS (“Paroxysmal Atrial

Fibrillation”) OR TITLE-ABS (“Atrial Fibrillation” AND “Paroxysmal”) OR TITLE-ABS (“Atrial Fibrillations” AND “Paroxysmal”) OR TITLE-ABS (“Fibrillation” AND “Paroxysmal Atrial”) OR TITLE-ABS (“Fibrillations” AND “Paroxysmal Atrial”) OR TITLE-ABS (“Paroxysmal Atrial Fibrillations”))

AND

((ALL(Metoprolol) OR ALL (Toprol) OR ALL (BetaloC) OR ALL(“BetaloC-Astra”) OR ALL (“BetaloC Astra”) OR ALL (BetaloK) OR ALL (“Metoprolol Tartrate”) OR ALL (Seloken) OR ALL (Spesicor) OR ALL (Spesikor) OR ALL (“Metoprolol CR-XL”) OR ALL (“Metoprolol Succinate”) OR ALL (“Metoprolol CR XL”) OR ALL (“Toprol-XL”) OR ALL (“Toprol XL”) OR ALL (“Beloc-Duriles”) OR ALL (“Beloc Duriles”) OR ALL (“Lopressor”))

OR

(ALL (“Carvedilol Hydrochloride”) OR ALL (Dilatrend) OR ALL (Querto) OR ALL (Eucardic) OR ALL (Carvedilol AND “S-isomer”) OR ALL (“Kredex”) OR ALL (Carvedilol AND “R-isomer”) OR ALL (Carvedilol AND “+isomer”) OR ALL (Carvedilol AND “4C-labeled”) OR ALL (“4C-labeled Carvedilol”) OR ALL (Carvedilol AND “4C labeled”) OR ALL (Coropres) OR ALL (Coreg)))

Table A3. Search strategy on Web of Science.

((ALL= (“atrial fibrillation”) OR ALL= (“Atrial Fibrillations”) OR ALL= (Fibrillation AND Atrial) OR ALL= (Fibrillations AND Atrial) OR ALL= (“Auricular Fibrillation”) OR ALL= (“Auricular Fibrillations”) OR ALL= (Fibrillation AND Auricular) OR ALL= (Fibrillations AND Auricular) OR ALL= (“Persistent Atrial Fibrillation”) OR ALL= (“Atrial Fibrillation” AND Persistent) OR ALL= (“Atrial Fibrillations” AND “Persistent”) OR ALL= (“Fibrillation” AND “Persistent Atrial”) OR ALL= (Fibrillations AND “Persistent Atrial”) OR ALL= (“Persistent Atrial Fibrillations”) OR ALL= (“Familial Atrial Fibrillation”) OR ALL= (“Atrial Fibrillation” AND Familial) OR

ALL= (“Atrial Fibrillations” AND “Familial”) OR ALL= (“Familial Atrial Fibrillations”) OR ALL= (“Fibrillation” AND “Familial Atrial”) OR ALL= (“Fibrillations” AND “Familial Atrial”) OR ALL= (“Paroxysmal Atrial Fibrillation”) OR ALL= (“Atrial Fibrillation” AND “Paroxysmal”) OR ALL= (“Atrial Fibrillations” AND “Paroxysmal”) OR ALL= (“Fibrillation” AND “Paroxysmal Atrial”) OR ALL= (“Fibrillations” AND “Paroxysmal Atrial”) OR ALL= (“Paroxysmal Atrial Fibrillations”))

AND

(ALL=(Metoprolol) OR ALL= (Toprol) OR ALL= (BetaloC) OR ALL=(“BetaloC-Astra”) OR ALL= (“BetaloC Astra”) OR ALL= (BetaloK) OR ALL= (“Metoprolol Tartrate”) OR ALL= (Seloken) OR ALL= (Spesicor) OR ALL= (Spesikor) OR ALL= (“Metoprolol CR-XL”) OR ALL= (“Metoprolol Succinate”) OR ALL= (“Metoprolol CR XL”) OR ALL= (“Toprol-XL”) OR ALL= (“Toprol XL”) OR ALL= (“Beloc-Duriles”) OR ALL= (“Beloc Duriles”) OR ALL= (“Lopressor”)

OR

ALL= (“Carvedilol Hydrochloride”) OR ALL= (Dilatrend) OR ALL= (Querto) OR ALL= (Eucardic) OR ALL= (Carvedilol AND “S-isomer”) OR ALL= (“Kredex”) OR ALL= (Carvedilol AND “R-isomer”) OR ALL= (Carvedilol AND “+isomer”) OR ALL= (Carvedilol AND “4C-labeled”) OR ALL= (“4C-labeled Carvedilol”) OR ALL= (Carvedilol AND “4C labeled”) OR ALL= (Coropres) OR ALL= (Coreg)))

Table A4. Search strategy on EMBASE.

((‘atrial fibrillation’ OR ‘Atrial Fibrillations’ OR (Fibrillation AND Atrial) OR (Fibrillations AND Atrial) OR ‘Auricular Fibrillation’ OR ‘Auricular Fibrillations’ OR (Fibrillation AND Auricular) OR (Fibrillations AND Auricular) OR ‘Persistent Atrial Fibrillation’ OR (‘Atrial Fibrillation’ AND Persistent) OR (‘Atrial Fibrillations’ AND Persistent) OR (Fibrillation AND ‘Persistent Atrial’) OR (Fibrillations AND ‘Persistent Atrial’) OR ‘Persistent Atrial Fibrillations’ OR ‘Familial Atrial Fibrillation’ OR (‘Atrial Fibrillation’ AND Familial) OR (‘Atrial Fibrillations’ AND Familial) OR ‘Familial Atrial Fibrillations’ OR (Fibrillation AND ‘Familial Atrial’) OR (Fibrillations AND ‘Familial Atrial’) OR ‘Paroxysmal Atrial Fibrillation’ OR (‘Atrial Fibrillation’ AND Paroxysmal) OR (‘Atrial Fibrillations’ AND Paroxysmal) OR (Fibrillation AND ‘Paroxysmal Atrial’) OR (Fibrillations AND ‘Paroxysmal Atrial’) OR ‘Paroxysmal Atrial Fibrillations’)
AND
(‘Metoprolol’ OR ‘Toprol’ OR ‘Betacloc’ OR ‘Betacloc-Astra’ OR ‘Betacloc Astra’ OR ‘Betalok’ OR ‘Metoprolol Tartrate’ OR ‘Seloken’ OR ‘Spesicor’ OR ‘Spesikor’ OR ‘Metoprolol CR-XL’ OR ‘Metoprolol Succinate’ OR ‘Metoprolol CR XL’ OR ‘Toprol-XL’ OR ‘Toprol XL’ OR ‘Beloc-Duriles’ OR ‘Beloc Duriles’ OR ‘Lopressor’ OR ‘Carvedilol Hydrochloride’ OR ‘Dilatrend’ OR ‘Querto’ OR ‘Eucardic’ OR (‘Carvedilol’ AND ‘(S)-isomer’) OR ‘Kredex’ OR ‘Coropres’ OR ‘Coreg’))

Table A5. Search strategy on Cochrane.

(“atrial fibrillation” OR “Atrial Fibrillations” OR “Fibrillations AND Atrial” OR “Auricular Fibrillation” OR “Auricular Fibrillations”) AND ((“Metoprolol” OR “Toprol” OR “Betacloc” OR “Betacloc-Astra” OR “Betacloc Astra” OR “Betalok” OR “Metoprolol Tartrate” OR “Seloken” OR “Spesicor” OR “Spesikor” OR “Metoprolol CR-XL” OR “Metoprolol Succinate” OR “Metoprolol CR XL” OR “Toprol-XL” OR “Toprol XL” OR “Beloc-Duriles” OR “Beloc Duriles” OR “Lopressor”) OR (“Carvedilol Hydrochloride” OR “Dilatrend” OR “Querto” OR “Eucardic” OR “Kredex” OR (“Carvedilol” AND “4C-labeled”) OR “4C-labeled Carvedilol” OR “Coropres” OR “Coreg”))