

## **Supplementary Material to Dentali et al. “Use of statins and recurrence of atrial fibrillation after catheter ablation or electrical cardioversion” (Thromb Haemost 2011; 106.2)**

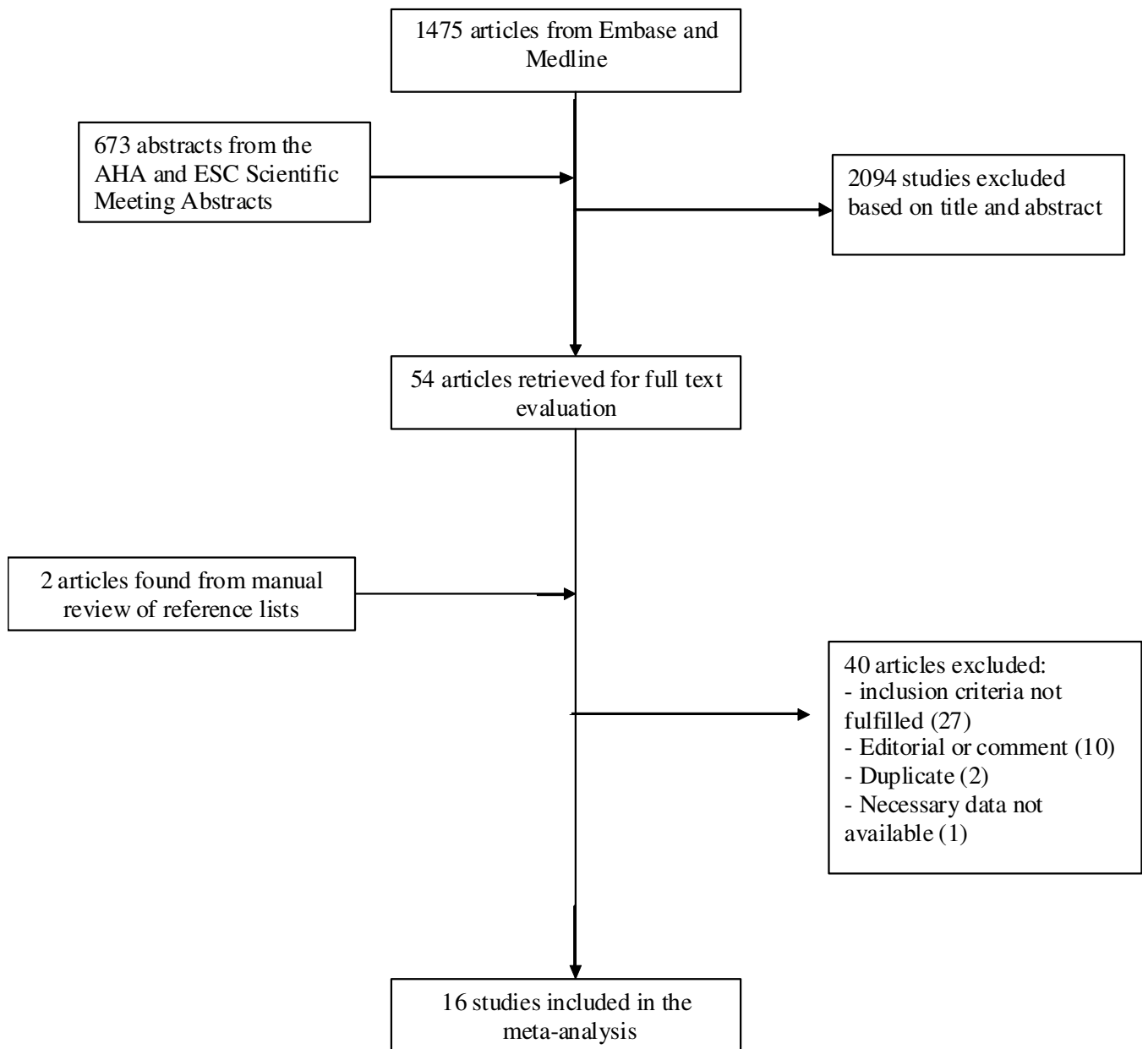
### Appendix 1. Embase search strategy

Database: EMBASE <1980 to 2010 Week 02>

Search Strategy:

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- 1 heart atrium fibrillation/ (30531)
  - 2 statin/ (2208)
  - 3 hydroxymethylglutaryl coenzyme A reductase inhibitor/ (28161)
  - 4 Simvastatin/ (16435)
  - 5 Lovastatin/ (9590)
  - 6 Pravastatin/ (11446)
  - 7 rosuvastatin/ (3271)
  - 8 atorvastatin/ (13263)
  - 9 fluvastatin.tw. (1270)
  - 10 rosuvastatin.tw. (903)
  - 11 atorvastatin.tw. (3349)
  - 12 simvastatin.tw. (4521)
  - 13 lovastatin.tw. (2761)
  - 14 pravastatin.tw. (2889)
  - 15 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 (50714)
  - 16 1 and 15 (1356)

Appendix 2. Selection process



Appendix 3. Quality Assessment of included studies

Study	Cohort studies			Randomized controlled trials				
	Type of study	Patient selection	Lost to Follow-up	Randomization	Double-blind	Allocation concealment	Withdrawals description	Lost to Follow-up
Humphries, 2007	Prospective	ND	ND					
Dogan, 2009	Prospective	ND	ND					
Siu, 2003	Retrospective	Consecutive	0					
Kim, 2009	Retrospective	ND	ND					
Richter, 2007	Retrospective	NC	ND					
Koyama, 2009	Retrospective	ND	ND					
Al Chekatie, 2007	Retrospective	Consecutive	0					
Park, 2009	Retrospective	Non consecutive	ND					
Naji, 2009	Retrospective	Consecutive	8					
Watanabe, 2005	Retrospective	Consecutive	ND					
Almroth, * 2009				Yes	Yes	Yes	Yes	0
Tveit, 2004				Yes	No	ND	No	ND
Ozaydin, 2006				Yes	No	ND	No	0

Xia, 2009				Yes	No	ND	No	0
Can, 2007				Yes	No	ND	No	0
Baman, 2009	Retrospective	Consecutive	0					

\* Studies considered to be of high quality (see method section) Legend to table 2: ND, not declared; NC, not consecutive

Appendix 4. Funnel plot of relative risk versus standard error of studies evaluating the efficacy of statins in reducing recurrence after electrical cardioversion

