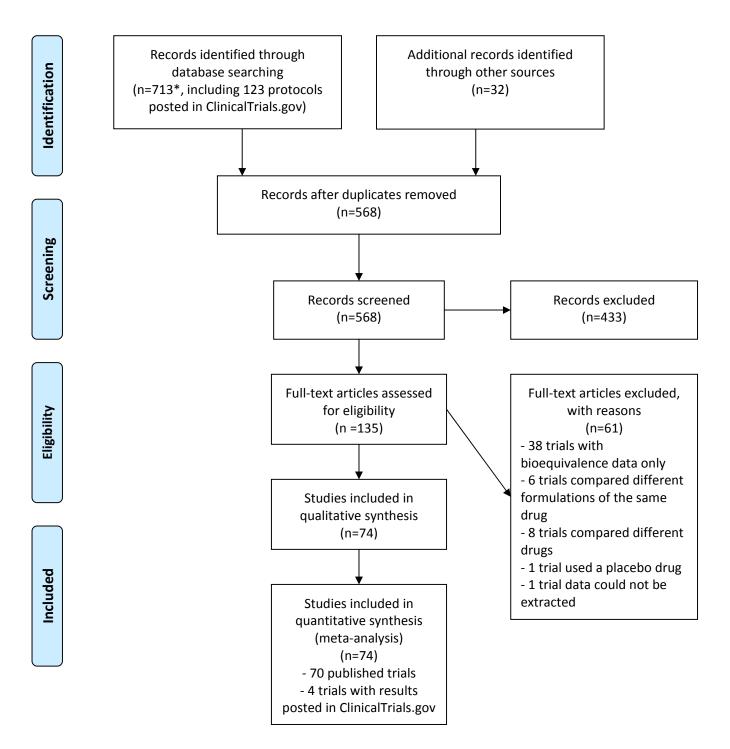


# **PRISMA 2009 Flow Diagram**



<sup>\*</sup> Due to the iterative nature of the search, we reported only the number of the trials that had at list 2 of the following 3 characteristics (thus deserved some more careful screening): were randomized, and/or evaluated a cardiovascular drug, and/or a evaluated a generic drug.

# **Additional files captions**

Additional Appendix S1. Search string details.

Additional Appendix S2. List of the excluded trials, and reasons for the exclusion.

Additional Table S1. List of the clinical outcomes reported by each included trial.

**Additional Table S2**. Methodological characteristics of included studies: (+) indicates low risk of bias, (?) unclear and (-) a high risk of bias on a specific item (1).

**Additional Table S3**. Results of the meta-regression predicting the summary estimate of efficacy (none of the variables that have not been included in the final model were significant).

**Additional Table S4**. Results of the meta-regression predicting the summary estimate of mild/moderate adverse events (none of the variables that have not been included in the final model were significant).

### Search strings used in PubMed - Investigator 1

Box 1: Boolean search terms and algorithms used to search PubMed

#### generic-name drugs

- #1 Drugs, Generic/therapeutic use[Mesh Terms/Subheading]
- #2 Drugs, Generic/adverse effects[Mesh Terms/Subheading]
- #3 generic\*[Title/Abstract]
- #4 nonproprietary[Title/Abstract]
- #5 non-brand[Title/Abstract]

#### brand-name drugs

- #6 brand [Title/Abstract]
- #7 proprietary[Title/Abstract]
- #8 innovator[Title/Abstract]
- #9 trade[Title/Abstract]

#### drugs

- #10 drug\*[Title/Abstract]
- #11 preparation\*[Title/Abstract]
- #12 formulation\*[Title/Abstract]
- #13 medication\*[Title/Abstract]

# cardiovascular drugs

- #14 Cardiovascular agents[Mesh Terms]
- #15 antihypertensive\*[All fields]
- #16 antiarrhythmic\*[All fields]
- #17 beta blocker\*[All fields]
- #18 calcium channel blocker\*[All fields]
- #19 ace inhibitor\*[All fields]
- #20 diuretic\*[All fields]
- #21 statin\*[All fields]

## Algorithms

(#1 OR #2) AND #6; (#1 OR #2) AND #7; (#1 OR #2) AND #8; (#1 OR #2) AND #9; #3 AND #6; #4 AND #6; #5 AND #6; #3 AND #7; #4 AND #7; #5 AND #7; #3 AND #8; #4 AND #8; #5 AND #8; #3 AND #9; #3 AND #10; #3 AND #11; #3 AND #12; #3 AND #13; #6 AND #10; #6 AND #11; #6 AND #12; #6 AND #13; #7 AND #10; #7 AND #11; #7 AND #12; #7 AND #13; #14 AND #3 AND #6; #14 AND #3 AND #7; #14 AND #3 AND #8; #15 AND #3; #15 AND #4; #15 AND #5; #15 AND #6; #15 AND #7; #15 AND #8; #15 AND #9; #16 AND #3; #16 AND #4; #16 AND #5; #16 AND #6; #16 AND #7; #16 AND #8; #16 AND #9; #17 AND #3; #17 AND #4; #17 AND #5; #17 AND #6; #17 AND #7; #17 AND #8; #17 AND #9; #18 AND #3; #18 AND #4; #18 AND #5; #18 AND #6; #18 AND #7; #18 AND #8; #18 AND #9; #19 AND #3; #19 AND #4; #19 AND #5; #19 AND #6; #19 AND #7; #19 AND #8; #19 AND #9; #20 AND #3; #20 AND #4; #20 AND #5; #21 AND #6; #21 AND #7; #21 AND #8; #21 AND #8; #21 AND #9; #21 AND #3; #21 AND #4; #21 AND #5; #21 AND #6; #21 AND #7; #21 AND #8; #21 AND #8; #21 AND #9; #21 AND #8; #21

### Search strings used in PubMed - Investigator 2

```
(drugs, generic[MeSH Terms]) AND brand[Title/Abstract]
(drugs, generic[MeSH Terms]) AND proprietary[Title/Abstract]
(drugs, generic[MeSH Terms]) AND innovator[Title/Abstract]
(drugs, generic[MeSH Terms]) AND formulation[Title/Abstract]
(drugs, generic[MeSH Terms]) AND trade[Title/Abstract]
(generic[Title/Abstract]) AND brand[Title/Abstract]
(generic[Title/Abstract]) AND preparation[Title/Abstract]
(generic[Title/Abstract]) AND formulation[Title/Abstract]
(generic[Title/Abstract]) AND medication[Title/Abstract]
(generic[Title/Abstract]) AND proprietary[Title/Abstract]
(generic[Title/Abstract]) AND innovator[Title/Abstract]
(generic[Title/Abstract]) AND trade[Title/Abstract]
(non-proprietary[Title/Abstract]) AND brand[Title/Abstract]
(non-proprietary[Title/Abstract]) AND proprietary[Title/Abstract]
(non-proprietary[Title/Abstract]) AND innovator[Title/Abstract]
(non-proprietary[Title/Abstract]) AND trade[Title/Abstract]
(non-proprietary[Title/Abstract]) AND drug[Title/Abstract]
(non-proprietary[Title/Abstract]) AND formulation[Title/Abstract]
(non-proprietary[Title/Abstract]) AND preparation[Title/Abstract]
(non-proprietary[Title/Abstract]) AND medication[Title/Abstract]
(non-brand[Title/Abstract]) AND brand[Title/Abstract]
(non-brand[Title/Abstract]) AND proprietary[Title/Abstract]
(non-brand[Title/Abstract]) AND innovator[Title/Abstract]
(non-brand[Title/Abstract]) AND trade[Title/Abstract]
(non-brand[Title/Abstract]) AND drug[Title/Abstract]
(non-brand[Title/Abstract]) AND preparation[Title/Abstract]
(non-brand[Title/Abstract]) AND medication[Title/Abstract]
(non-brand[Title/Abstract]) AND formulation[Title/Abstract]
((agents, cardiovascular[MeSH Terms]) AND generic[Title/Abstract]) AND brand[Title/Abstract]
((agents, cardiovascular[MeSH Terms]) AND generic[Title/Abstract]) AND preparation[Title/Abstract]
((agents, cardiovascular[MeSH Terms]) AND generic[Title/Abstract]) AND formulation[Title/Abstract]
((agents, cardiovascular[MeSH Terms]) AND generic[Title/Abstract]) AND medication[Title/Abstract]
(antihypertensive) AND generic[Title/Abstract]
(antihypertensive) AND proprietary[Title/Abstract]
(antihypertensive) AND brand[Title/Abstract]
(antihypertensive) AND innovator[Title/Abstract]
(antihypertensive) AND trade[Title/Abstract]
(antiarrhythmic) AND proprietary [Title/Abstract]
(antiarrhythmic) AND generic[Title/Abstract]
(beta blocker) AND generic[Title/Abstract]
(beta blocker) AND proprietary[Title/Abstract]
(beta blocker) AND non-brand[Title/Abstract]
(beta blocker) AND innovator[Title/Abstract]
(beta blocker) AND formulation[Title/Abstract]
(calcium channel blocker) AND generic[Title/Abstract]
(calcium channel blocker) AND brand[Title/Abstract]
(calcium channel blocker) AND formulation[Title/Abstract]
(ace inhibitor) AND generic[Title/Abstract]
(ace inhibitor) AND formulation[Title/Abstract]
(ace inhibitor) AND preparation[Title/Abstract]
(diuretic) AND generic[Title/Abstract]
(diuretic) AND preparation[Title/Abstract]
(diuretic) AND formulation[Title/Abstract]
(statin) AND generic[Title/Abstract]
(statin) AND preparation[Title/Abstract]
```

```
ALL (drug ) AND TITLE-ABS-KEY (randomized ) AND TITLE-ABS-KEY (generic ) AND TITLE-ABS-KEY (brand ) AND (LIMIT-TO (PUBYEAR , 2015 ) OR LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2010 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 )) AND (LIMIT-TO (DOCTYPE , "ar" )) AND (EXCLUDE (SUBJAREA , "BUSI" )) AND (EXCLUDE (SUBJAREA , "BUSI" )) AND (EXCLUDE (SUBJAREA , "BUSI" )) OR EXCLUDE (SUBJAREA , "ARTS" ))
```

ALL (drug ) AND TITLE-ABS-KEY (randomized ) AND TITLE-ABS-KEY (proprietary ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 )) AND (LIMIT-TO (DOCTYPE , "ar") OR LIMIT-TO (DOCTYPE , "ip")))

ALL (drug ) AND TITLE-ABS-KEY (randomized ) AND TITLE-ABS-KEY (brand ) AND (LIMIT-TO (PUBYEAR, 2014 ) OR LIMIT-TO (PUBYEAR, 2013 ) OR LIMIT-TO (PUBYEAR, 2012 ) OR LIMIT-TO (PUBYEAR, 2011 ) OR LIMIT-TO (PUBYEAR, 2009 ) OR LIMIT-TO (PUBYEAR, 2008 ) OR LIMIT-TO (PUBYEAR, 2007 ) OR LIMIT-TO (PUBYEAR, 2006 )) AND (LIMIT-TO (DOCTYPE, "ar") OR LIMIT-TO (DOCTYPE, "ip")))

ALL (drug ) AND TITLE-ABS-KEY (randomized ) AND TITLE-ABS-KEY (innovator ) AND (LIMIT-TO (PUBYEAR, 2014) OR LIMIT-TO (PUBYEAR, 2013) OR LIMIT-TO (PUBYEAR, 2012) OR LIMIT-TO (PUBYEAR, 2011) OR LIMIT-TO (PUBYEAR, 2009) OR LIMIT-TO (PUBYEAR, 2008) OR LIMIT-TO (PUBYEAR, 2007) OR LIMIT-TO (PUBYEAR, 2006)) AND (LIMIT-TO (DOCTYPE, "ar") OR LIMIT-TO (DOCTYPE, "ip")))

ALL (drug ) AND TITLE-ABS-KEY (randomized ) AND TITLE-ABS-KEY (trade ) AND (LIMIT-TO (PUBYEAR, 2014) OR LIMIT-TO (PUBYEAR, 2013) OR LIMIT-TO (PUBYEAR, 2012) OR LIMIT-TO (PUBYEAR, 2011) OR LIMIT-TO (PUBYEAR, 2009) OR LIMIT-TO (PUBYEAR, 2008) OR LIMIT-TO (PUBYEAR, 2007) OR LIMIT-TO (PUBYEAR, 2006)) AND (LIMIT-TO (DOCTYPE, "ar") OR LIMIT-TO (DOCTYPE, "ip")))

ALL (drug ) AND ALL (antihypertensive ) AND TITLE-ABS-KEY (randomized ) AND ALL (generic ) AND (LIMIT-TO (PUBYEAR, 2014 ) OR LIMIT-TO (PUBYEAR, 2013 ) OR LIMIT-TO (PUBYEAR, 2012 ) OR LIMIT-TO (PUBYEAR, 2011 ) OR LIMIT-TO (PUBYEAR, 2009 ) OR LIMIT-TO (PUBYEAR, 2008 ) OR LIMIT-TO (PUBYEAR, 2007 ) OR LIMIT-TO (PUBYEAR, 2006 ) AND (LIMIT-TO (DOCTYPE, "ar")))

ALL (drug ) AND ALL (antihypertensive ) AND TITLE-ABS-KEY (randomized ) AND ALL (brand ) AND (LIMIT-TO (PUBYEAR, 2014) OR LIMIT-TO (PUBYEAR, 2013) OR LIMIT-TO (PUBYEAR, 2012) OR LIMIT-TO (PUBYEAR, 2011) OR LIMIT-TO (PUBYEAR, 2009) OR LIMIT-TO (PUBYEAR, 2008) OR LIMIT-TO (PUBYEAR, 2007) OR LIMIT-TO (PUBYEAR, 2006)) AND (LIMIT-TO (DOCTYPE, "ar")))

ALL (drug ) AND ALL (antihypertensive ) AND TITLE-ABS-KEY (randomized ) AND ALL (proprietary ) AND (LIMIT-TO (PUBYEAR, 2014) OR LIMIT-TO (PUBYEAR, 2013) OR LIMIT-TO (PUBYEAR, 2012) OR LIMIT-TO (PUBYEAR, 2011) OR LIMIT-TO (PUBYEAR, 2009) OR LIMIT-TO (PUBYEAR, 2008) OR LIMIT-TO (PUBYEAR, 2007) OR LIMIT-TO (PUBYEAR, 2006)) AND (LIMIT-TO (DOCTYPE, "ar")))
ALL (drug ) AND ALL (antihypertensive ) AND TITLE-ABS-KEY (randomized ) AND ALL (trade ) AND (

ALL (drug ) AND ALL (antihypertensive ) AND TITLE-ABS-KEY (randomized ) AND ALL (trade ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 ) AND (LIMIT-TO (DOCTYPE , "ar" )))

ALL (drug ) AND ALL (antiarrhythmic ) AND TITLE-ABS-KEY (randomized ) AND ALL (generic ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2010 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR

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LIMIT-TO (PUBYEAR, 2008) OR LIMIT-TO (PUBYEAR, 2007) OR LIMIT-TO (PUBYEAR, 2006)) AND (LIMIT-TO (DOCTYPE, "ar")))
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- ALL (drug ) AND ALL (antiarrhythmic ) AND TITLE-ABS-KEY (randomized ) AND ALL (brand ) AND (LIMIT-TO (PUBYEAR, 2014 ) OR LIMIT-TO (PUBYEAR, 2013 ) OR LIMIT-TO (PUBYEAR, 2012 ) OR LIMIT-TO (PUBYEAR, 2011 ) OR LIMIT-TO (PUBYEAR, 2000 ) OR LIMIT-TO (PUBYEAR, 2008 ) OR LIMIT-TO (PUBYEAR, 2007 ) OR LIMIT-TO (PUBYEAR, 2006 ) AND (LIMIT-TO (DOCTYPE, "ar")))
- ALL (drug ) AND ALL (antiarrhythmic ) AND TITLE-ABS-KEY (randomized ) AND ALL (proprietary ) AND (LIMIT-TO (PUBYEAR, 2014) OR LIMIT-TO (PUBYEAR, 2013) OR LIMIT-TO (PUBYEAR, 2012) OR LIMIT-TO (PUBYEAR, 2011) OR LIMIT-TO (PUBYEAR, 2009) OR LIMIT-TO (PUBYEAR, 2008) OR LIMIT-TO (PUBYEAR, 2007) OR LIMIT-TO (PUBYEAR, 2006)) AND (LIMIT-TO (DOCTYPE, "ar")))
- ALL (drug ) AND ALL (antiarrhythmic ) AND TITLE-ABS-KEY (randomized ) AND ALL (trade ) AND (LIMIT-TO (PUBYEAR, 2014 ) OR LIMIT-TO (PUBYEAR, 2013 ) OR LIMIT-TO (PUBYEAR, 2012 ) OR LIMIT-TO (PUBYEAR, 2011 ) OR LIMIT-TO (PUBYEAR, 2009 ) OR LIMIT-TO (PUBYEAR, 2008 ) OR LIMIT-TO (PUBYEAR, 2007 ) OR LIMIT-TO (PUBYEAR, 2006 ) AND (LIMIT-TO (DOCTYPE, "ar")))
- ALL (drug ) AND ALL (beta blocker ) AND TITLE-ABS-KEY (randomized ) AND ALL (generic ) AND (LIMIT-TO (PUBYEAR, 2014 ) OR LIMIT-TO (PUBYEAR, 2013 ) OR LIMIT-TO (PUBYEAR, 2012 ) OR LIMIT-TO (PUBYEAR, 2011 ) OR LIMIT-TO (PUBYEAR, 2010 ) OR LIMIT-TO (PUBYEAR, 2009 ) OR LIMIT-TO (PUBYEAR, 2008 ) OR LIMIT-TO (PUBYEAR, 2007 ) OR LIMIT-TO (PUBYEAR, 2006 ) AND (LIMIT-TO (DOCTYPE, "ar")))
- ALL (drug ) AND ALL (beta blocker ) AND TITLE-ABS-KEY (randomized ) AND ALL (brand ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 ) AND (LIMIT-TO (DOCTYPE , "ar" ))
- ALL (drug ) AND ALL (beta blocker ) AND TITLE-ABS-KEY (randomized ) AND ALL (proprietary ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 ) AND (LIMIT-TO (DOCTYPE , "ar")))
- ALL (drug ) AND ALL (beta blocker ) AND TITLE-ABS-KEY (randomized ) AND ALL (trade ) AND (LIMIT-TO (PUBYEAR, 2014 ) OR LIMIT-TO (PUBYEAR, 2013 ) OR LIMIT-TO (PUBYEAR, 2012 ) OR LIMIT-TO (PUBYEAR, 2011 ) OR LIMIT-TO (PUBYEAR, 2000 ) OR LIMIT-TO (PUBYEAR, 2008 ) OR LIMIT-TO (PUBYEAR, 2007 ) OR LIMIT-TO (PUBYEAR, 2006 ) AND (LIMIT-TO (DOCTYPE, "ar")))
- ALL (drug ) AND ALL (calcium channel blocker ) AND TITLE-ABS-KEY (randomized ) AND ALL (generic ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2010 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 ) AND (LIMIT-TO (DOCTYPE , "ar" )))
- ALL (drug ) AND ALL (calcium channel blocker ) AND TITLE-ABS-KEY (randomized ) AND ALL (brand ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2010 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 )) AND (LIMIT-TO (DOCTYPE , "ar" )))
- ALL (drug ) AND ALL (calcium channel blocker ) AND TITLE-ABS-KEY (randomized ) AND ALL (proprietary ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2010 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 ) AND (LIMIT-TO (DOCTYPE , "ar" )))

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ALL (drug ) AND ALL (calcium channel blocker ) AND TITLE-ABS-KEY (randomized ) AND ALL (trade ) AND (LIMIT-TO (PUBYEAR, 2014) OR LIMIT-TO (PUBYEAR, 2013) OR LIMIT-TO (PUBYEAR, 2012) OR LIMIT-TO (PUBYEAR, 2011) OR LIMIT-TO (PUBYEAR, 2009) OR LIMIT-TO (PUBYEAR, 2008) OR LIMIT-TO (PUBYEAR, 2007) OR LIMIT-TO (PUBYEAR, 2006)) AND (LIMIT-TO (DOCTYPE, "ar")))
```

ALL (drug ) AND ALL (ace inhibitor ) AND TITLE-ABS-KEY (randomized ) AND ALL (generic ) AND (LIMIT-TO (PUBYEAR, 2014 ) OR LIMIT-TO (PUBYEAR, 2013 ) OR LIMIT-TO (PUBYEAR, 2012 ) OR LIMIT-TO (PUBYEAR, 2011 ) OR LIMIT-TO (PUBYEAR, 2000 ) OR LIMIT-TO (PUBYEAR, 2008 ) OR LIMIT-TO (PUBYEAR, 2007 ) OR LIMIT-TO (PUBYEAR, 2006 ) AND (LIMIT-TO (DOCTYPE, "ar")))

ALL (drug ) AND ALL (ace inhibitor ) AND TITLE-ABS-KEY (randomized ) AND ALL (brand ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 ) AND (LIMIT-TO (DOCTYPE , "ar" )))

ALL (drug ) AND ALL (diuretic ) AND TITLE-ABS-KEY (randomized ) AND ALL (generic ) AND (LIMIT-TO (PUBYEAR, 2014 ) OR LIMIT-TO (PUBYEAR, 2013 ) OR LIMIT-TO (PUBYEAR, 2012 ) OR LIMIT-TO (PUBYEAR, 2011 ) OR LIMIT-TO (PUBYEAR, 2010 ) OR LIMIT-TO (PUBYEAR, 2009 ) OR LIMIT-TO (PUBYEAR, 2008 ) OR LIMIT-TO (PUBYEAR, 2007 ) OR LIMIT-TO (PUBYEAR, 2006 ) AND (LIMIT-TO (DOCTYPE, "ar")))

ALL (drug ) AND ALL (diuretic ) AND TITLE-ABS-KEY (randomized ) AND ALL (brand ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 ) ) AND (LIMIT-TO (DOCTYPE , "ar" )))

ALL (drug) AND ALL (diuretic) AND TITLE-ABS-KEY (randomized) AND ALL (trade) AND (LIMIT-TO (PUBYEAR, 2014) OR LIMIT-TO (PUBYEAR, 2013) OR LIMIT-TO (PUBYEAR, 2012) OR LIMIT-TO (PUBYEAR, 2011) OR LIMIT-TO (PUBYEAR, 2009) OR LIMIT-TO (PUBYEAR, 2008) OR LIMIT-TO (PUBYEAR, 2007) OR LIMIT-TO (PUBYEAR, 2006)) AND (LIMIT-TO (DOCTYPE, "ar")))

ALL (drug ) AND ALL (statin ) AND TITLE-ABS-KEY (randomized ) AND ALL (generic ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 ) AND (LIMIT-TO (DOCTYPE , "ar" ))

ALL (drug ) AND ALL (statin ) AND TITLE-ABS-KEY (randomized ) AND ALL (brand ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 ) AND (LIMIT-TO (DOCTYPE , "ar" ))

ALL (drug ) AND ALL (statin ) AND TITLE-ABS-KEY (randomized ) AND ALL (trade ) AND (LIMIT-TO (PUBYEAR, 2014) OR LIMIT-TO (PUBYEAR, 2013) OR LIMIT-TO (PUBYEAR, 2012) OR LIMIT-TO (PUBYEAR, 2011) OR LIMIT-TO (PUBYEAR, 2010) OR LIMIT-TO (PUBYEAR, 2009) OR LIMIT-TO (PUBYEAR, 2008) OR LIMIT-TO (PUBYEAR, 2007) OR LIMIT-TO (PUBYEAR, 2006)) AND (LIMIT-TO (DOCTYPE, "ar")))

ALL (drug ) AND ALL (statin ) AND TITLE-ABS-KEY (randomized ) AND ALL (proprietary ) AND (LIMIT-TO (PUBYEAR , 2014 ) OR LIMIT-TO (PUBYEAR , 2013 ) OR LIMIT-TO (PUBYEAR , 2012 ) OR LIMIT-TO (PUBYEAR , 2011 ) OR LIMIT-TO (PUBYEAR , 2009 ) OR LIMIT-TO (PUBYEAR , 2008 ) OR LIMIT-TO (PUBYEAR , 2007 ) OR LIMIT-TO (PUBYEAR , 2006 ) AND (LIMIT-TO (DOCTYPE , "ar" )))

First author	Year	Drug class	Reason for the exclusion
Bioequivalence data			
Niopas (2)	2003	ACE-Inhibitors	Bioequivalence outcomes only
Bienert (3)	2006	ACE-Inhibitors	Bioequivalence outcomes only
Perez (4)	2006	ACE-Inhibitors	Bioequivalence outcomes only
Shin (5)	2008	ACE-Inhibitors	Bioequivalence outcomes only
Cohen Sabban (6)	2009	ACE-Inhibitors	Bioequivalence outcomes only
Zakeri-Milani (7)	2010	ACE-Inhibitors	Bioequivalence outcomes only
Witter (clartness (c. (0)	2014	ACE Inhibitors	Bioequivalence outcomes. Some relevant outcomes were
Wittayalertpanya (8)	2014	ACE-Inhibitors	mentioned, but no data could be extracted
Zaid (9)	2014	ACE-Inhibitors	Bioequivalence outcomes only
Yacobi (10)	2000	Anticoagulants	Bioequivalence outcomes only
		_	Bioequivalence outcomes. Some relevant outcomes were
Merali (11)	1996	Antiplatelet	mentioned, but no data could be extracted
Lainesse (12)	2004	Antiplatelet	Bioequivalence outcomes only
El Ahmady (13)	2009	Antiplatelet	Bioequivalence outcomes only
Filipe (14)	2009	Antiplatelet	Bioequivalence outcomes only
Richter (15)	2009	Antiplatelet	Bioequivalence outcomes only
//h a.a. (4.0)	2040	A := 1:= 1= 4 = 1 = 4	Bioequivalence outcomes. Some relevant outcomes were
Khan (16)	2010	Antiplatelet	mentioned, but no data could be extracted
Setiawati (17)	2011	Antiplatelet	Bioequivalence outcomes only
Sambu (18)	2012	Antiplatelet	Bioequivalence outcomes only
Eldon (19)	1989	Beta-blockers	Bioequivalence outcomes only
Rostok (20)	1995	Beta-blockers	Bioequivalence outcomes only
Yuen (21)	1998	Beta-blockers	Bioequivalence outcomes only
Peh (22)	1999	Beta-blockers	Bioequivalence outcomes only
Rojanasthien (23)		Beta-blockers	•
	1999		Bioequivalence outcomes only
Jovanovic (24)	2006	Beta-blockers	Bioequivalence outcomes only
Carter (25)	1993	Calcium Channel	Bioequivalence outcomes. Some relevant outcomes were
( - ,		Blockers	mentioned, but no data could be extracted
Waldman (26)	1995	Calcium Channel	Bioequivalence outcomes. Some relevant outcomes were
` ,		Blockers	mentioned, but no data could be extracted
Tsang (27)	1996	Calcium Channel Blockers	Bioequivalence outcomes only
D : (1: (20)	0004	Calcium Channel	<b>D</b>
Rojanasthien (28)	2004	Blockers	Bioequivalence outcomes only
<b>0</b> !! (00)		Calcium Channel	
Sailer (29)	2007	Blockers	Bioequivalence outcomes only
Barbhaiya (30)	1982	Diuretics	Bioequivalence outcomes only
Barbriarya (66)		210101100	Bioequivalence outcomes. Some relevant outcomes were
Maitai (31)	1984	Diuretics	mentioned, but no data could be extracted
Shah (32)	1984	Diuretics	Bioequivalence outcomes only
Hamidi (33)	2011	Diuretics	Bioequivalence outcomes only
Shaw (34)	1973	Others	Bioequivalence outcomes only
Zinny (35)	1984	Others	Bioequivalence outcomes only
Hilleman (36)	1988	Others	Bioequivalence outcomes only
Valecha (37)	1993	Others	Bioequivalence outcomes only
Huang (38)	2013	Others	Bioequivalence outcomes only
Najib (39)	2003	Statins	Bioequivalence outcomes only
Other reasons			
Mulla (40)	2010	ACE-Inhibitors	Different formulations of the same drug
Gasche (41)	2013	Antiplatelet	Two different drugs
Theidel (42)	2013	Antiplatelet	Two different drugs
Faasse (43)	2013	Beta-blockers	Only a placebo drug was used
raasse (43)	2013	Calcium Channel	Only a placebo drug was used
Brown (44)	2008	Blockers	Different formulations of the same drug
Roca-Cusachs (45)	2008	Diuretics	Different formulations of the same drug
Kasmer (46)	1987	Others	Two different drugs
Ghaffari (47)	2011	Others	Different formulations of the same drug
	2012	Others	One drug is no more sold. Besides, data could not be
Arsenault (48)			extracted.
McPherson (49)	2001	Statins	Two different drugs
Park (50)	2005	Statins	Two different drugs
Rodriguez Roa (51)	2007	Statins	Different formulations of the same drug
Tran (52)	2007	Statins	Two different drugs
. ,			7

Ballantyne (53)	2008	Statins	Two different drugs	
Insull (54)	2009	Statins	Two different drugs	
Rodriguez Roa (55)	2010	Statins	Different formulations of the same drug	

**Additional Table S1**. List of the clinical outcomes reported by each included trial. Each outcome was classified as: SoE = Soft efficacy outcome; HaE = Hard efficacy outcome; H1 = mild/moderate adverse event/harm; H2 = serious adverse event/harm. Each comparison was classified as: (+) favoring generic drug; (-) favoring brand-name drug; (=) non significant differences detected; NR = no results available.

Study	Outcome(s)	Туре	Data extraction	Significance	Notes
ACE inhibitors or ARBs					
TIOL HIMBROTO OF THE BO					
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Extractable	=	
	- Heart rate	- SoE	<ul> <li>Not extractable</li> </ul>	NR	
	- Cell blood count	- SoE	<ul> <li>Not extractable</li> </ul>	=	Efficacy data were recorded at 5, 12, 24 and 36
Portoles 2004 (56)	- Urinalysis	- SoE	<ul> <li>Not extractable</li> </ul>	=	hours. Based upon the estimated duration of the
	•				effect, we extracted data at the 5-hour time-point.
	- mAEs (dizziness, fatigue, headache,	- H1	<ul> <li>Extracted</li> </ul>	=	chect, we extracted data at the 5 hour time point.
	somnolence)				
	<ul> <li>sAEs (not further specified)</li> </ul>	- H2	<ul> <li>Extracted</li> </ul>	=	
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Extractable	=	The data for two doses (25 mg and 50 mg) of both
Carranza 2005 (57)	- Heart rate	- SoE	- Extractable	=	generic and brand-name captopril were reported.
			- Extractable		We extracted 50 mg data.
	- SBP	- SoE	<ul> <li>Extracted</li> </ul>	=	
	- DBP	- SoE	<ul> <li>Extractable</li> </ul>	=	
	<ul> <li>Pulse wave velocity</li> </ul>	- SoE	<ul> <li>Extractable</li> </ul>	=	
	<ul> <li>Exercise capacity</li> </ul>	- SoE	<ul> <li>Extractable</li> </ul>	+	
	<ul> <li>Left ventricular diastolic function</li> </ul>	- SoE	<ul> <li>Extractable</li> </ul>	=	
Kim (A) 2009 (58)	<ul> <li>Brain natriuretic peptide</li> </ul>	- SoE	<ul> <li>Extractable</li> </ul>	=	
() .) 2000 (00)	- C-reactive protein	- SoE	- Extractable	=	
	- mAEs (cough, dizziness, headache, fatigue, abdominal pain, pruritus)	- H1	- Extracted	=	
	- sAEs (not further specified)	- H2	- Extracted	=	
	, ,				
	- ECG	- SoE	<ul> <li>Not extractable</li> </ul>	NR	
	- Urinalysis	- SoE	- Not extractable	NR	
Spinola 2009 (59)	<ul> <li>mAEs (BP decrease, dizziness, headache, fatigue, pruritus)</li> </ul>	- H1	- Extracted	=	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- Mean blood pressure	- SoE	- Not extractable	NR	
Iqbal 2010 (60)	- sAEs (not further specified)	- H2	- Extracted	=	
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Extractable	=	F#:
	- Heart rate	- SoE	- Extractable	=	Efficacy data were recorded at 1, 2, 3, 4, 5, 6, 12, 2
Jia 2010 (61)					and 36 hours. Based upon the estimated duration of
` ,	- mAEs (hematuria)	- H1	<ul> <li>Extracted</li> </ul>	=	the effect, we extracted data at the 24-hour time-
	- sAEs (not further specified)	- H2	- Extracted	=	point.

	- Mean blood pressure	- SoE	- Not extractable	NR	
	- Heart rate	- SoE	- Not extractable	NR	
	- Respiratory rate	- SoE	- Not extractable	NR	
_i 2010 (62)	- Respiratory rate	- 30E	- NOI extractable	INIX	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- mAEs (low blood pressure,	- H1	- Extracted	-	
Larouche (1) 2010 (63)	headache, dizziness)				Results posted in ClinicalTrials.gov only
Larouche (1) 2010 (03)	- sAEs	- H2	- Extracted	=	Results posted in Clinical Hals.gov Only
(0) 0040 (04)	- mAEs (low blood pressure)	- H1	- Extracted	-	D 1 1 0 1 1 1 1 1
Larouche (2) 2010 (64)	- sAEs	- H2	- Extracted	=	Results posted in ClinicalTrials.gov only
Carlson (1) 2010 (65)	- sAEs	- H2	- Extracted	=	Results posted in ClinicalTrials.gov only
	- mAEs (headache, dizziness, sweat,	- H1	- Extracted	+	
Carlson (2) 2010 (66)	pharyngitis, purpura, confusion)				Results posted in ClinicalTrials.gov only
	- sAEs	- H2	- Extracted	=	. Issuito postos in Chinosi maio.gov Grily
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	<ul> <li>Extractable</li> </ul>	=	
	<ul> <li>24-hour ambulatory blood pressure</li> </ul>	- SoE	<ul> <li>Extractable</li> </ul>	=	
	- Cell blood count	- SoE	<ul> <li>Not extractable</li> </ul>	NR	
Oigman 2013 (67)	- Urinalysis	- SoE	- Not extractable	NR	
<b>5</b> ( ,	- mAEs (cough, headache, dizziness, palpitation)	- H1	- Extracted	=	
	- sAEs	- H2	- Extracted	=	
<u>Anticoagulants</u>					
runio degaranto					
	- % within INR range	- SoE	- Extracted	=	
Handler 1998 (68)	<ul> <li>mAEs (ecchymosis, epistaxis, gum hemorrhage, rectal hemorrhage)</li> </ul>	- H1	- Extracted	=	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- % within INR range	- SoE	- Extracted	=	
Noutel 1008 (60)	-	- H1			
Neutel 1998 (69)	- mAEs		- Not extractable	NR	
	- % within INR range	- SoE	- Not extractable	=	
	- Drug dosage change	- SoE	- Not extractable	=	
Weibert 2000 (70)	- mAEs (anticoagulation events)	- H1	- Extracted	=	
	- sAEs (not further specified)	- H2	- Extracted	=	
Lee 2005 (71)	- % within INR range	- SoE	- Extracted	=	
	, a maini nan tango	30L	-All dolod	_	

	- Protrombin time	- SoE	- Not extractable	NR	
	- mAEs (ecchymosis, epistaxis, gum	- H1	- Extracted	=	
	hemorrhage, rectal hemorrhage) - sAEs	- H2	- Extracted	=	
D' 0005 (70)	- % within INR range	- SoE	- Extracted	=	
Pereira 2005 (72)	- Protrombin time	- SoE	- Not extractable	NR	
Antiplatelet agents					
	- Bleeding time	- SoE	- Extracted	=	
	<ul> <li>Platelet aggregation inhibition</li> </ul>	- SoE	<ul> <li>Extractable</li> </ul>	=	
	- Platelet count	- SoE	<ul> <li>Not extractable</li> </ul>	NR	
	- Neutrophil count	- SoE	<ul> <li>Not extractable</li> </ul>	NR	The total length of follow-up was 10 days, but the
Rao 2003 (73)					extracted efficacy outcome was measured after 2
	- mAEs (headache)	- H1	<ul> <li>Extracted</li> </ul>	=	hours.
	- sAEs (not further specified)	- H2	- Extracted	=	nouis.
	- Platelet aggregation inhibition	- SoE	- Extracted	=	
	- ECG	- SoE	- Not extractable	NR	
	- Creatine kinase	- SoE	- Not extractable	NR	
	- Liver function tests	- SoE	- Not extractable	NR	
shraf 2005 (74)	- Liver function tests	- 30L	- Not extractable	INIX	
( )	<ul> <li>mAEs (headache, dizziness, weakness)</li> </ul>	- H1	- Not extractable	NR	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- Platelet aggregation inhibition	- SoE	- Extracted	=	
/lijares 2008 (75) *	<ul> <li>mAEs (headache, hematoma, ecchymosis, pruritus)</li> </ul>	- H1	- Extracted	-	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- Platelet aggregation inhibition	- SoE	- Extracted	=	
	- Protrombin time	- SoE	<ul> <li>Not extractable</li> </ul>	NR	
	- Bleeding time	- SoE	<ul> <li>Not extractable</li> </ul>	NR	
im (P) 2009 (76)	- Cell blood count	- SoE	- Not extractable	NR	The total length of follow-up was 13 days, but the extracted efficacy outcome was measured after 7
	- mAEs (abdominal pain)	- H1	<ul> <li>Extracted</li> </ul>	=	hours.
	- sAEs (not further specified)	- H2	- Extracted	=	
Di Girolamo 2010 (77)	- sAEs (not further specified)	- H2	- Extracted	=	
Muller 2010 (78)	- Platelet aggregation inhibition	- SoE	- Extracted	=	
	- Bleeding time	- SoE	- Extracted	=	
Shim 2010 (79)	- Platelet aggregation inhibition	- SoE	- Extractable	=	
(/	- Mean blood pressure	- SoE	- Not extractable	=	
	can blood procodio	002		_	

	- Heart rate	- SoE	- Not extractable	=	
	<ul> <li>Cell blood count</li> </ul>	- SoE	<ul> <li>Not extractable</li> </ul>	=	
	- Liver function tests	- SoE	- Not extractable	NR	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- MACE and death	- HaE	- Extracted	=	
	- Angina episodes	- HaE	- NR	NR	
	- Bleeding	- SoE	<ul> <li>Not extractable</li> </ul>	=	
Khosravi 2011 (80)	- Platelet count	- SoE	<ul> <li>Not extractable</li> </ul>	=	
(,	- Neutrophil count	- SoE	- Not extractable	=	
	- Liver function tests	- SoE	- Not extractable	=	
Suh 2011 (81)	- mAEs (not further specified)	- H1	- Extracted	=	
	- sAEs (stable angina)	- H2	- Extracted	=	
	- Platelet aggregation inhibition	- SoE	- Extracted	=	
	- Platelet count	- SoE	- Not extractable	=	
	- Protrombin time	- SoE	- Not extractable	=	
Oberhänsli 2012 (82) *	- Activated partial thromboplastin time	- SoE	- Not extractable	=	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- Platelet aggregation inhibition	- SoE	- Extracted	=	
Srimahachota 2012 (83) *	- mAEs (hematoma)	- H1	- Extracted	=	
51111a11a0110ta 2012 (00)	- sAEs (not further specified)	- H2	- Extracted	=	
Tsoumani (A) 2012 (84)	- Platelet aggregation inhibition	- SoE	- Extracted	=	
Tsoumani (E) 2012 (85)	- Platelet aggregation inhibition	- SoE	- Extracted	=	
Zou 2012 (86) *	- sAEs (not further specified)	- H2	- Extracted	=	
	- MACE and death	- HaE	- Extracted	=	
	- Platelet aggregation inhibition	- SoE	- Extracted	=	
Park 2013 (87)	- mAEs (hematoma, pruritus, rash, urticaria)	- H1	- Extracted	=	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- Platelet aggregation inhibition	SoE	- Extracted	=	
Komosa 2014 (88) *	- mAEs (hematoma)	- H1	- Extracted	=	
	- MACE and death	- HaE	- Extracted	=	Data on platelet aggregation were recorded at 2, 4,
Soc 2014 (00)	- Platelet aggregation inhibition	- SoE	- Extracted	=	8 and 24 hours. Based upon the estimated duration
Seo 2014 (89)	- sAEs	- H2	- Extracted	=	of the effect, we extracted data at the 24-hour time- point. Data on MACE and death were reported at 4- weeks time-point only.

Beta-blockers					
	- SBP	- SoE	- Extracted	=	
Biswas 1989 (90)	- DBP	- SoE	<ul> <li>Extractable</li> </ul>	=	
biswas 1969 (90)	- Heart rate	- SoE	- Extractable	=	
	- SBP	- SoE	- Extracted	=	
Carter 1989 (91)	- DBP	- SoE	<ul> <li>Extractable</li> </ul>	=	
Carter 1909 (91)	- Heart rate	- SoE	- Extractable	=	
el-Sayed 1989 (92)	- SBP	- SoE	- Extracted	=	
	- Heart rate	- SoE	- Extractable	=	
Chiang 1995 (93)	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Extractable	=	
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	<ul> <li>Extractable</li> </ul>	=	Efficacy data were recorded up to 24 hours. Based
Sarkar 1995 (94)	- Heart rate	- SoE	- Extractable	=	upon the estimated duration of the effect, we
	- sAEs (not further specified)	- H2	- Extracted	=	extracted data at the 12-hour time-point.
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Extractable	=	
	- Heart rate	- SoE	- Extractable	+	
	- Heart rate variability	- SoE	<ul> <li>Not extractable</li> </ul>	=	
	- ST-segment depression magnitude	- SoE	- Extractable	=	
Bongers 1999 (95)	- Extrasystoles frequency	- SoE	<ul> <li>Not extractable</li> </ul>	=	
	- Number of angina attacks	- SoE	- Extractable	=	
	- mAEs (headache)	- H1	- Extracted	=	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	<ul> <li>Extractable</li> </ul>	=	
Cuadrado 2002 (96)	- Heart rate	- SoE	- Extractable	=	Efficacy data were recorded up to 30 hours. Based upon the estimated duration of the effect, we
	- mAEs (dizziness, pirosis, headache)	- H1	- Extracted	=	extracted data at the 24-hour time-point.
	- sAEs (not further specified)	- H2	- Extracted	=	Ferm
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Extractable	=	
Mirfazaelian 2003 (97)	- Heart rate	- SoE	- Extractable	=	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- SBP	- SoE	- Not extractable	=	
Portoles 2005 (98)	- DBP	- SoE	<ul> <li>Not extractable</li> </ul>	=	
	- Heart rate	- SoE	- Not extractable	=	

	- mAEs (headache, dizziness,	- H1	- Not extractable	_	
	diarrhea)	- 111	- Not extractable	=	
	- sAEs (not further specified)	- H2	- Extracted	_	
	- Mean blood pressure	- nz - SoE	- Not extractable	= NR	
	•				
	- Heart rate	- SoE	<ul> <li>Not extractable</li> </ul>	NR	
Bus-Kwasnik 2012 (99) *	A = - (b d - d (C )	114	Esterated		
,	- mAEs (headache, vomiting)	- H1	- Extracted	=	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- mAEs (headache, dizziness,	- H1	- Extracted	=	
_iu 2013 (100)	diarrhea)				
( ,	- sAEs (not further specified)	- H2	- Extracted	=	
	5, 125 (st ra.u.s. spsssa)	· ·-			
Calcium channel blockers					
	CDD	0-5	Coden at a d		
	- SBP - DBP	- SoE - SoE	<ul> <li>Extracted</li> <li>Extractable</li> </ul>	=	
				=	
	- Heart rate	- SoE	- Extractable	=	
Saseen 1997 (101)	- PR interval prolongation	- SoE	- Extractable	=	
	- mAEs	- H1	- Not extractable	NR	
	- sAEs (atrio-ventricular block)	- H2	- Extracted	=	
	ortes (atrio verificatal blook)	1.12	Extraolog	_	
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Extractable	=	
	- Heart rate	- SoE	- Extractable	=	Efficacy data were recorded up to 24 hours. Based
Jsha 1997 (102)	- PQ interval prolongation	- SoE	- Not extractable	=	upon the estimated duration of the effect, we
	. a p. p. s				extracted data at the 12-hour time-point.
	- sAEs (not further specified)	- H2	- Not extractable	=	'
	- SBP	- SoE	- Extracted		
	- DBP	- SoE	- Extracted - Extractable		
		- SoE	- Extractable	=	
	- Heart rate	- SoE - SoE		=	The total length of fallow we was Codern but the
21-0004 (400)	- Hematology testing		- Not extractable	=	The total length of follow-up was 6 days, but the
Park 2004 (103)	- Biochemistry testing	- SoE	- Not extractable	=	extracted efficacy outcome was measured after 8
	- Urinalysis	- SoE	- Not extractable	=	hours.
	- sAEs (not further specified)	- H2	- Extracted	=	
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Extractable	=	
	- Heart rate	- SoE	- Not extractable	NR	
	- Cell blood count	- SoE - SoE	- Not extractable	=	
		- SoE - SoE			
(im 2007 (104)	- Biochemistry testing	- S0E	- Not extractable	=	
	- mAEs (headache, dizziness,	- H1	- Extracted	=	
	dispnea)				
	- sAEs (not further specified)	- H2	- Extracted	=	
	s. 120 (not railinot oposition)	112	LAHGORGA	_	

	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Not extractable	=	
	- Heart rate	- SoE	- Extractable	=	
	- ECG	- SoE	- Not extractable	NR	
	- Hematology testing	- SoE	- Not extractable	=	The total length of follow-up was 6 days, but the
Mignini 2007 (105)	- Biochemistry testing	- SoE	- Not extractable	=	extracted efficacy outcome was measured after 3
Wilgiliii 2007 (105)	- Liver function test	- SoE	- Not extractable	=	
	- Liver function test	- SOE	- Not extractable	=	hours.
	- mAEs (dizziness, fatigue)	- H1	- Extracted	=	
	<ul> <li>sAEs (not further specified)</li> </ul>	- H2	- Extracted	=	
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Extractable	=	
	- Heart rate	- SoE	- Extractable	=	
	- Serum uric acid levels	- SoE	- Not extractable	=	
Kim 2008 (106)	Scrum and adia levels	OOL	- Not extractable	_	
, ,	- mAEs (headache, dizziness, flushing,	- H1	- Extracted	=	
	chest pain, pedal edema, paresthesia)				
	- sAEs (not further specified)	- H2	- Extracted	=	
	- Mean blood pressure	- SoE	- Not extractable	NR	
	- Heart rate	- SoE	<ul> <li>Not extractable</li> </ul>	NR	
	- Hematology testing	- SoE	- Not extractable	NR	
	- Biochemistry testing	- SoE	- Not extractable	NR	
Liu 2009 (107)	- Urinalysis	- SoE	- Not extractable	NR	
	- mAEs (not further specified)	- 30L - H1	- Extracted		
	- sAEs (not further specified)	- П1 - Н2	- Extracted	= =	
<u>Diuretics</u>					
	ODD	0.5	Extracted		
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Extractable	=	
	- Heart rate	- SoE	- Extractable	=	
	<ul> <li>Electrolyte excretion</li> </ul>	- SoE	- Extractable	=	
Garg 1984 (108)	- Urine volume	- SoE	- Extractable	=	
	- mAEs (weakness)	- H1	- Extracted	+	
	- sAEs (not further specified)	- H2	- Extracted	=	
Grahnen 1984 (109)	- Urine volume	- SoE	- Extracted	=	
	- Sodium excretion	- SoE	- Extracted	=	
Martin 1984 (110)	- Urine volume	- SoE	- Extractable	=	
	- Sodium excretion	- SoE	- Extracted	=	
	- Urine volume	- SoE	<ul> <li>Not extractable</li> </ul>	=	
Pan 1984 (111)	- Serum electrolytes levels	- SoE	- Extractable	=	
(	- Serum glucose levels	- SoE	- Not extractable	=	
	- Serum uric acid levels	- SoE	- Not extractable	=	
	23.4111 4110 4014 101010	002	. IST OATT GOLGOTO	_	

	Mana haduusiaht danaa	C-F	Net evitee stelele		
	- Mean body weight decrease	- SoE	- Not extractable	=	
	- Mean blood pressure	- SoE	- Not extractable	=	
	- Heart rate	- SoE	- Not extractable	=	
Meyer 1985 (112)	- Urine volume	- SoE	- Extracted	-	
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	<ul> <li>Extractable</li> </ul>	=	
	- Heart rate	- SoE	- Extractable	=	
0: 1.4007 (440)	- Sodium excretion	- SoE	- Extractable	=	
Singh 1987 (113)	- Urine volume	- SoE	- Extractable	=	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	- Extractable	=	
Sharoky 1989 (114)	- Serum electrolytes levels	- SoE	- Extractable	=	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- Sodium excretion	- SoE	- Extracted	=	
Kaojarern 1990 (115)	- Urine volume	- SoE	- Not extractable	=	
	- Sodium excretion (=) (E)	- SoE	- Extracted	=	
Awad 1992 (116)	- Urine volume (=)	- SoE	- Extractable	=	
	office volume (=)	OOL	Extractable	-	
Murray 1997 (117)	- Sodium excretion	- SoE	- Extracted	=	
	- Mean blood pressure	- SoE	- Not extractable	NR	
	- Heart rate	- SoE	<ul> <li>Not extractable</li> </ul>	NR	
	<ul> <li>Hematology testing</li> </ul>	- SoE	<ul> <li>Not extractable</li> </ul>	NR	
	- Biochemistry testing	- SoE	<ul> <li>Not extractable</li> </ul>	NR	
Almeida 2011 (118)	- Urinalysis	- SoE	- Not extractable	NR	
	- mAEs (hypoesthesia, somnolence)	- H1	- Extracted	-	
	- sAEs (not further specified)	- H2	- Extracted	=	
	- mAEs (headache, furuncle, vomiting)	- H1	- Not extractable	=	
Kumar 2014 (India) (119)	- sAEs (not further specified)	- H2	- Extracted	=	
Kumar 2014 (Japan) (119)	- sAEs (not further specified)	- H2	- Extracted	=	
<u>Statins</u>					
Assawawitoontip 2002	- LDL	- SoE	- Extracted	=	
(120)	- Liver function tests	- SoE	- Not extractable	=	
\ - <i>'</i>	- Creatine kinase	- SoE	- Not extractable	=	
Wiwanitkit 2002 (121)	- LDL	- SoE	- Extracted	=	

- HDL - SoE - Extractable = - Total cholesterol - SoE - Extractable = - Extractable = - Triglycerides - SoE - Extractable = -	=					
- Triglycerides - Liver function tests - Creatine kinase - SoE - Extractable - Extractable - SoE - Extractable - SoE - Extractable - SoE - Extractable - SoE - Extracted - SoE - Extracted - SoE - Extracted - SoE - Extractable - SoE - Extractable - SoE - Extractable - SoE - Extractable - Total cholesterol - Triglycerides - A1-B Apolipoproteins - SoE - Extractable - Creactive protein - % of patients with LDL=100 mg/dL - % of patients with LDL=100 mg/dL - SoE - Extractable - Mean blood pressure - Heart rate - SoE - SoE - Not extractable - Heart rate - SoE - SoE - Not extractable - NR - Heart rate - SoE - SoE - Not extractable - NR - Not extractable - NR - Not extractable - NR - NR - SoE - SoE - Not extractable - NR - NR - SoE - SoE - Not extractable - NR - NR - SoE - SoE - Not extractable - NR - NR - SoE - SoE - Not extractable - NR - NR - SoE - SoE - Not extractable - NR - NR - SoE - SoE - Not extractable - NR - SoE - SoE - Not extractable - NR - SoE - Not extractable - NR - SoE - SoE - Not extractable - NR - SoE - SoE - Not extractable - NR - SoE - SoE - Not extractable - NR - SoE - SoE - Not extractable - SoE -				- SoE	- HDL	
- Liver function tests - SoE - Extractable = - Creatine kinase - SoE - Extractable = - SoE - SoE - Extractable = - SoE - SoE - Extractable = - SoE - SoE - SoE - Extractable = - SoE - S						
- Creatine kinase - SoE - Extractable =  - sAEs (not further specified) - H2 - Extracted =   - LDL - SoE - Extracted =  - LDL - SoE - Extractable =  - Total cholesterol - SoE - Extractable =  - Triglycerides - SoE - Extractable =  - A1-B Apolipoproteins - SoE - Extractable =  - C reactive protein - SoE - Extractable =  - % of patients with LDL<100 mg/dL - SoE - Extractable =  - mAEs (cold, gastrointestinal symptoms, arithritis, myalgia) - sAEs (not further specified) - H2 - Extracted =   - Mean blood pressure - SoE - Not extractable NR - ECG - SoI - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - SoE - Not extractable NR - Cell blood count - SoE - SoE - Not extractable NR - Cell blood count - SoE						
- sAEs (not further specified) - H2 - Extracted =   - LDL - SoE - Extractable =  - Total cholesterol - SoE - Extractable =  - Triglycerides - SoE - Extractable =  - Triglycerides - SoE - Extractable =  - A1-B Apolipoproteins - SoE - Extractable =  - C reactive protein - SoE - Extractable =  - C reactive protein - SoE - Extractable =  - % of patients with LDL<100 mg/dL - SoE - Extractable =  - mAEs (cold, gastrointestinal symptoms, arthritis, myalgia) - sAEs (not further specified) - H2 - Extracted =   - Mean blood pressure - SoE - Not extractable NR - Heart rate - SoE - Not extractable NR - Heart rate - SoE - Not extractable NR - SoE - S						
- LDL - SoE - Extracted = - Total cholesterol - SoE - Extractable = - Triglycerides - SoE - Extractable = - SoE - SoE - Extractable = - SoE	=	actable =	- Extractable	- SoE	- Creatine kinase	
- HDL - SoE - Extractable =  - Total cholesterol - SoE - Extractable =  - Triglycerides - SoE - Extractable =  - A1-B Apolipoproteins - SoE - Extractable =  - A1-B Apolipoproteins - SoE - Extractable =  - C reactive protein - SoE - Extractable =  - We of patients with LDL<100 mg/dL - SoE - Extractable =  - mAEs (cold, gastrointestinal symptoms, arthritis, myalgia) - sAEs (not further specified) - H2 - Extracted =  - Mean blood pressure - SoE - Not extractable NR - Heart rate - SoE - Not extractable NR - ECG - SoE - Not extractable NR - ECG - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Urinalysis - SoE - Not extractable NR - White the specified NR - Total cholesterol - SoE - Set - Extractable NR - Extractable NR - Total cholesterol - SoE - Extractable =  - LDL - SoE - Extractable =  - LDL - SoE - Extractable =  - LDL - SoE - Extractable =  - Triglycerides - SoE - Extractable =  - Triglycerides - SoE - Extractable =  - Triglycerides - SoE - Extractable =  - Liver function tests - SoE - Extractable =  - Liver function tests - SoE - Not extractable =  - Liver function tests - SoE - Not extractable =  - Liver function tests - SoE - Extractable =  - Liver function tests - SoE - Extractable =  - Liver function tests - SoE - Not extractable =  - Liver function tests - SoE - Not extractable =  - Liver function tests - SoE - Not extractable =  - Liver function tests - SoE - Not extractable =  - Not extractable =  - Liver function tests - SoE - Extractable =  - Liver function tests - SoE - Not extractable =  - Not extractabl	=	acted =	- Extracted	- H2	- sAEs (not further specified)	
Total cholesterol	=	acted =	- Extracted	- SoE	- LDL	
Triglycerides	=	actable =	<ul> <li>Extractable</li> </ul>	- SoE	- HDL	
A1-B Apolipoproteins	=	actable =	<ul> <li>Extractable</li> </ul>	- SoE	- Total cholesterol	
C reactive protein	=	actable =	<ul> <li>Extractable</li> </ul>	- SoE	- Triglycerides	
-% of patients with LDL<100 mg/dL - SoE - Extractable =  - mAEs (cold, gastrointestinal symptoms, arthritis, myalgia) - sAEs (not further specified) - H2 - Extracted =  - Mean blood pressure - SoE - Not extractable NR - Heart rate - SoE - Not extractable NR - ECG - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Urinalysis - SoE - Not extractable NR - mAEs (abdominal pain, syncope) - H1 - Not extractable NR - sAEs (not further specified) - H2 - Extracted =  - LDL - SoE - Extracted =  - HDL - SoE - Extracted =  - Total cholesterol - SoE - Extractable =  - Total cholesterol - SoE - Extractable =  - Triglycerides - SoE - Extractable =  - A1-B Apolipoproteins - SoE - Extractable =  - Liver function tests - SoE - Not extractable =  - Liver function tests - SoE - Not extractable =  - Not extractable =  - A1-B Apolipoproteins - SoE - Extractable =  - Liver function tests - SoE - Not extractable =  - Not extractable =  - Not extractable =  - Extractable =  - Not extractable =	=	actable =	- Extractable	- SoE	- A1-B Apolipoproteins	
- Mass (cold, gastrointestinal symptoms, arthriftis, myalgia) - sAEs (not further specified) - H2 - Extracted - SAEs (not further specified) - H2 - Extracted - SAEs (not further specified) - H2 - Extractable - Mean blood pressure - SOE - Not extractable - Heart rate - SOE - Not extractable NR - ECG - SOE - Not extractable NR - Cell blood count - SOE - Not extractable NR - Cell blood count - SOE - Not extractable NR - Urinalysis - SOE - Not extractable - MR - mAEs (abdominal pain, syncope) - H1 - Not extractable - SAEs (not further specified) - H2 - Extracted - Extracted - Extracted - SOE - Extractable - Total cholesterol - Total cholesterol - Triglycerides - SOE - Extractable - Triglycerides - SOE - Extractable - Extractable - Liver function tests - SOE - Extractable - Extrac	=	actable =	<ul> <li>Extractable</li> </ul>	- SoE	- C reactive protein	Kim 2040 (400)
symptoms, arthritis, myalgia) - sAEs (not further specified) - H2 - Extracted =  - Mean blood pressure - SoE - Not extractable - Heart rate - SoE - Not extractable - NR - Heart rate - SoE - Not extractable - NR - ECG - SoE - Not extractable - NR - Cell blood count - SoE - Not extractable - NR - Urinalysis - SoE - Not extractable - NR - mAEs (abdominal pain, syncope) - H1 - Not extractable - sAEs (not further specified) - H2 - Extracted - HDL - SoE - Extracted - HDL - SoE - Extractable - Total cholesterol - Total cholesterol - Triglycerides - A1-B Apolipoproteins - SoE - Extractable - Liver function tests - SoE - Extractable - Liver function tests - SoE - Not extractable - NR	=	actable =	- Extractable	- SoE	-% of patients with LDL<100 mg/dL	KIIII 2010 (122)
- sAEs (not further specified)  - H2  - Extracted  - Mean blood pressure - SoE - Not extractable NR - Heart rate - SoE - Not extractable NR - ECG - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Urinalysis - SoE - Not extractable NR - MAEs (abdominal pain, syncope) - H1 - Not extractable - sAEs (not further specified)  - H2 - Extracted  - LDL - SoE - Extracted - HDL - SoE - Extractable - Total cholesterol - Total cholesterol - Triglycerides - A1-B Apolipoproteins - SoE - Extractable - Extr	-	acted -	- Extracted	- H1		
- Heart rate - SoE - Not extractable NR - ECG - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Urinalysis - SoE - Not extractable NR - mAEs (abdominal pain, syncope) - H1 - Not extractable - sAEs (not further specified) - H2 - Extracted - Extracted - LDL - SoE - Extracted - HDL - SoE - Extractable - Total cholesterol - Total cholesterol - Triglycerides - A1-B Apolipoproteins - SoE - Extractable - SoE - Extractable - Extractable - SoE - Extractable - Extractable - NR	=	acted =	- Extracted	- H2	- sAEs (not further specified)	
- Heart rate - SoE - Not extractable NR - ECG - Cell blood count - SoE - Not extractable NR - Cell blood count - SoE - Not extractable NR - Urinalysis - SoE - Not extractable NR - mAEs (abdominal pain, syncope) - H1 - Not extractable - sAEs (not further specified) - H2 - Extracted - Extracted - LDL - SoE - Extracted - HDL - SoE - Extractable - Total cholesterol - Total cholesterol - Triglycerides - A1-B Apolipoproteins - SoE - Extractable - SoE - Extractable - Extractable - SoE - Extractable - Extractable - NR	le NR	extractable NR	- Not extract	- SoE	- Mean blood pressure	
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- Cell blood count - SoE - Not extractable NR - Urinalysis - MAEs (abdominal pain, syncope) - H1 - Not extractable - sAEs (not further specified) - H2 - Extracted - Extracted - HDL - SoE - Extracted - HDL - SoE - Extractable - Total cholesterol - Triglycerides - A1-B Apolipoproteins - SoE - Extractable - Liver function tests - SoE - Not extractable - NR NR NR NR - Not extractable = Extractable = Extractable = Extracted = Extracted = Extractable =			- Not extract	- SoE		
Liu 2010 (123)  - Urinalysis  - SoE  - Not extractable  - mAEs (abdominal pain, syncope) - sAEs (not further specified)  - H1  - Not extractable  =  - Extracted  - Extracted  =  - LDL  - SoE  - Extracted  =  - HDL  - SoE  - Extractable  - Total cholesterol  - Total cholesterol  - Triglycerides  - A1-B Apolipoproteins  - SoE  - Extractable  - Extractable  =  - A1-B Apolipoproteins  - SoE  - Extractable  - Extractable  =  - Liver function tests  - SoE  - Not extractable  =  - Not extractable						
- sAEs (not further specified)  - H2  - Extracted  - LDL  - SoE  - Extracted  =  - HDL  - SoE  - Extractable  - Total cholesterol  - Triglycerides  - Triglycerides  - A1-B Apolipoproteins  - SoE  - Extractable  - Liver function tests  - H2  - Extracted  =  - Extracted  =  - Extractable  =  - Extractable  =  - Extractable  =  - Extractable  =  - Not extractable  =			- Not extract		- Urinalysis	Liu 2010 (123)
- sAEs (not further specified)  - H2  - Extracted  - LDL  - SoE  - Extracted  =  - HDL  - SoE  - Extractable  - Total cholesterol  - Triglycerides  - Triglycerides  - A1-B Apolipoproteins  - SoE  - Extractable  - Liver function tests  - H2  - Extracted  =  - Extracted  =  - Extractable  =  - Extractable  =  - Extractable  =  - Extractable  =  - Not extractable  =	e	extractable =	- Not extract	- H1	- mAEs (abdominal pain, syncone)	
- HDL - SoE - Extractable =  - Total cholesterol - SoE - Extractable =  - Triglycerides - SoE - Extractable =  - A1-B Apolipoproteins - SoE - Extractable =  - Liver function tests - SoE - Not extractable =						
- HDL - SoE - Extractable =  - Total cholesterol - SoE - Extractable =  - Triglycerides - SoE - Extractable =  - A1-B Apolipoproteins - SoE - Extractable =  - Liver function tests - SoE - Not extractable =		acted =	- Extracted	- SoF	- I DI	
- Total cholesterol - SoE - Extractable =  - Triglycerides - SoE - Extractable =  - A1-B Apolipoproteins - SoE - Extractable =  - Liver function tests - SoE - Not extractable =						
- Triglycerides - SoE - Extractable =  - A1-B Apolipoproteins - SoE - Extractable =  - Liver function tests - SoE - Not extractable =						
- A1-B Apolipoproteins - SoE - Extractable = - Liver function tests - SoE - Not extractable =						
- Liver function tests - SoE - Not extractable =						
						Boh 2011 (124)
- SBP - SoE - Extractable =						DOI 2011 (124)
- DBP - SoE - Extractable =						
- mAEs (myalgia, lack of appetite) - H1 - Extracted =	_	acted –	- Evtracted	_ ⊔1	- mAEs (myalgia, lack of annatito)	
- sAEs (not further specified - H2 - Extracted =						
		t d	Frateriole		,	
- LDL - SoE - Extracted =						
- HDL - SoE - Extractable =						
- Total cholesterol - SoE - Extractable =						
Kim 2013 (125)  - Triglycerides  - SoE  - Extractable  =  A1 B Applicantation  SoE  Extractable						Kim 2013 (125)
- A1-B Apolipoproteins - SOE - Extractable =						` '
- C reactive proteins - SoE - Extractable =	=					
- % of patients with LDL <100 mg/dL - SoE - Extractable =				S\∩ <b>⊢</b>	- % of nationts with LDL <100 mg/dl	

	<ul><li>- mAEs (cough, myalgia, headache)</li><li>- sAEs (toxic hepatitis, chest pain)</li></ul>	- H1 - H2	<ul><li>Extracted</li><li>Extracted</li></ul>	= =	
<u>Others</u>					
	- SBP	- SoE	- Extracted	=	
	- DBP	- SoE	<ul> <li>Extractable</li> </ul>	=	
	- Heart rate	- SoE	<ul> <li>Extractable</li> </ul>	=	
	<ul> <li>Hematology testing</li> </ul>	- SoE	<ul> <li>Extractable</li> </ul>	=	
sai 2007 (126)	<ul> <li>Biochemistry testing</li> </ul>	- SoE	<ul> <li>Extractable</li> </ul>	=	
3ai 2007 (120)	- Urinalysis	- SoE	- Extractable	=	
	- mAEs (dizziness, peripheral edema)	- H1	- Extracted	=	
	<ul> <li>sAEs (hospitalization for epididymithis)</li> </ul>	- H2	- Extracted	=	
eng 2009 (127)	- sAEs (not further specified)	- H2	- Extracted	=	
	- Clinical examination	- SoE	- Not extractable	NR	
	- Hematology testing	- SoE	- Not extractable	NR	
Palmer 2014 (128)	- Biochemistry testing	- SoE	- Not extractable	NR	
	- sAEs	- H2	- Extracted	=	

lood pressure. DBP = Diastolic blood pressure. INR = International normalized ratio. MACE = Major cardiovascular events. LDL = Low Density Lipoprotein Cholesterol. mAEs = Mild or moderate adverse events. sAEs = Serious adverse events.

\* We were able to extract these datasets thanks to the indications of the investigators of other studies.

**Additional Table S2**. Methodological characteristics of included studies: (+) indicates low risk of bias, (?) unclear and (-) a high risk of bias on a specific item (1).

	Adequate sequence generation?	Allocation concealment?	Adequate blinding of participants, personnel and outcome assessors?	Incomplete outcome data adequately addressed?	Selective outcome reporting?	Other potential threats to validity?
ACE inhibitors or ARBs						
Portoles 2004 (56)	+	_	_	+	+	+
Carranza 2005 (57)	+	_	+	+	· -	<u>.</u>
Kim (A) 2009 (58)	?	-	<u>.</u>	+	-	_
Spinola 2009 (59)	+	+	_	+	+	+
Igbal 2010 (60)	?	· -	_	· -	· -	<u>.</u>
Jia 2010 (61)	+	-	_	+	-	-
Li 2010 (62)	+	-	_	+	+	+
Oigman 2013 (67)	?	-	_	+	<u>.</u>	· -
Larouche (1) 2010 (63)	NP	NP	NP	NP	NP	NP
Larouche (2) 2010 (64)	NP	NP	NP	NP	NP	NP
Carlson (1) 2010 (65)	NP	NP	NP	NP	NP	NP
Carlson (2) 2010 (66)	NP	NP	NP	NP	NP	NP
<u>Anticoagulants</u>						
Handler 1998 (68)	+	-	_	+	+	-
Neutel 1998 (69)	?	?	_	+	-	+
Weibert 2000 (70)	+	-	_	-	-	-
Lee 2005 (71)	+	+	-	+	-	-
Pereira 2005 (72)	?	+	+	+	-	-
Antiplatelet agents						
Rao 2003 (73)	+	-	_	+	+	+
Ashraf 2005 (74)	?	-	+	-	-	-
Mijares 2008 (75)	?	?	?	+	-	+
Kim (P) 2009 (76)	+	-	-	+	-	-
Di Girolamo 2010 (77)	+	-	-	+	-	-
Müller 2010 (78)	?	?	?	+	+	+
Shim 2010 (79)	+	-	-	+	-	-
Khosravi 2011 (80)	+	-	+	+	+	+
Suh 2011 (81)	+	-	+	+	+	+
Oberhänsli 2012 (82)	?	-	-	+	+	+
Srimahachota 2012 (83)	?	?	-	+	-	+
Tsoumani (A) 2012 (84)	?	-	-	+	-	-
Tsoumani (E) 2012 (85)	-	-	-	+	-	-
Zou 2012 (86)	+	?	-	+	-	+
Park (J) 2013 (87)	+	-	-	+	+	-
Komosa 2014 (88)	+	?	?	+	-	+
Seo 2014 (89)	?	-	-	+	+	-
Beta-blockers						
Biswas 1989 (90)	<del>-</del>	-	-	+	-	-
Carter 1989 (91)	+	-	<del>-</del>	+	+	-
el-Sayed 1989 (92) Chiang 1995 (93)	+ ?	- 2	+	+	-	-
Sarkar 1995 (94)	? ?	f -	<b>+</b> _	<b>+</b>	-	<b>T</b>
Bongers 1999 (95)	?	- -	<del>T</del> ±	<b>∓</b>	- +	+
Cuadrado 2002 (96)	?	-	-	±	T -	- -
Mirfazaelian 2003 (97)	· -	-	+	+	_	_
Portoles 2005 (98)	?	?	<u>.</u>	+	-	_
Bus-Kwasnik 2012 (99)	; ?	; ?	_	+	+	+
Liu 2013 (100)	+	?	-	+	-	+
Calcium channel blockers						
Saseen 1997 (101)	?	?	+	+	-	+
Usha 1997 (102)	-	· -	+	+	-	-
Park 2004 (103)	+	?	-	+	+	+
Kim 2007 (104)	+	+	+	+	+	+

Mignini 2007 (105)	+	?	-	+	-	+
Kim 2008 (106)	+	+	+	+	+	+
Liu 2009 (107)	+	?	-	+	-	-
<u>Diuretics</u>						
Garg 1984 (108)	?	?	+	+	-	+
Grahnen 1984 (109)	?	-	+	+	+	+
Martin 1984 (110)	-	-	-	-	+	-
Pan 1984 (111)	-	-	+	?	+	-
Meyer 1985 (112)	?	-	+	?	-	-
Singh 1987 (113)	?	-	+	+	-	-
Sharoky 1989 (114)	?	-	+	-	-	-
Kaojarern 1990 (115)	?	?	-	+	-	+
Awad 1992 (116)	-	-	?	+	-	-
Murray 1997 (117)	?	-	-	+	+	+
Almeida 2011 (118)	+	+	?	+	-	+
Kumar (I) 2014 (119)	+	?	-	+	-	+
Kumar (J) 2014 (119)	+	?	-	+	-	+
<u>Statins</u>						
Assawawitoontip 2002 (120)	?	+	+	+	-	+
Wiwanitkit 2002 (121)	?	+	+	+	+	+
Liu 2010 (123) ` ´	+	-	-	+	+	-
Boh 2011 (124)	+	+	+	+	+	-
Kim 2010 (122)	+	+	+	+	+	+
Kim 2013 (125)	+	?	-	+	+	+
<u>Others</u>						
Tsai 2007 (126)	+	?	-	+	+	+
Feng 2009 (127)	+	-	-	+	-	-
Palmer 2014 (128)	+	-	-	+	-	+

NP = Not possible; the results have been posted in ClinicalTrials.gov only.

**Additional Table S3**. Results of the meta-regression predicting the summary estimate of efficacy (none of the variables that have not been included in the final model were significant).

	Regression coefficient	95% CI	p*
Unhealthy vs healthy	0.139	(-0.029; 0.308)	0.10
Follow-up duration, 1-day increase	-0.004	(-0.186; 0.179)	0.9
Double blinding	-0.005	(-0.075; 0.064)	0.9
Sample size, 1-unit increase	-0.001	(-0.003; 0.001)	0.2
Funded by generic manufacturers	0.110	(-0.046; 0.267)	0.2

**Additional Table S4**. Results of the meta-regression predicting the summary estimate of mild/moderate adverse events (none of the variables that have not been included in the final model were significant).

	Regression coefficient	95% CI	p*
Unhealthy vs healthy	0.149	(-0.537; 0.836)	0.7
Follow-up duration, 1-day increase	-0.283	(-0.994; 0.429)	0.4
Double blinding	0.178	(-0.092; 0.449)	0.2
Sample size, 1-unit increase	-0.003	(-0.007; 0.001)	0.2

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