

Figure S1 Risk-of-bias assessments of the included studies

| Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall | Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall |
|---------------------|----|----|----|----|----|---------|--------------------|----|----|----|----|----|---------|
| Agostoni (1993) | ⊖ | ⊖ | ⊕ | ⊕ | ⊖ | ⊖ | Bertrand (2015) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Ahimastos (2007) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Bicknell (2016) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Ahimastos (2013) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Black (1997) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Ahimastos (2014) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Böhlen (1996) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ |
| Ajayi (1989) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | Bohm (2005) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Allemann (1992) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ | Bohm (2010) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Ambrosioni (1995) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Bojestig (2001) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Anderson (1991) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ | Bonnemeier (2007a) | ⊖ | ⊖ | ⊕ | ⊖ | ⊖ | ⊗ |
| Anderson (1994) | ⊖ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ | Bonnemeier (2007b) | ⊕ | ⊗ | ⊗ | ⊕ | ⊕ | ⊗ |
| Annane (1996) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Borghì (1993) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ |
| Arashi (2020) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Borghì (1997) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Avtar (1999) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | Borghì (1998) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Babu–Narayan (2012) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Borghì (2007) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Baker (1988) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | Bosh (2006) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Barr (1997) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Brown (1990) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Beckett (2008) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Brown (1995) | ⊕ | ⊕ | ⊖ | ⊕ | ⊕ | ⊖ |
| Beckingham (1995) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ | Brugts (2014) | ⊕ | ⊕ | ⊕ | ⊗ | ⊕ | ⊗ |
| Bedogna (1990) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | Bruijn (1994) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ |
| Beller (1995) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Bull (2015) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Bellissant (1994) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ | Burggraaf (1998) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Benedict (1995) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ | Burris (1991) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ |
| Berg (1995) | ⊕ | ⊖ | ⊖ | ⊖ | ⊕ | ⊖ | Bussmann (1987) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Bergstrand (1985) | ⊖ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ | Caletti (2011) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |

Domains:
D1: Bias due to randomisation.
D2: Bias due to deviations from intended intervention.
D3: Bias due to missing data.
D4: Bias due to outcome measurement.
D5: Bias due to selection of reported result.

Judgement
⊗ High
⊖ Some concerns
⊕ Low

| Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall | Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall |
|---|----|----|----|----|----|---------|------------------------------------|----|----|----|----|----|---------|
| Campbell (1985) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | Cockerham (2017) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ |
| Capek (1994) | ⊕ | ⊕ | ⊕ | ⊖ | ⊖ | ⊖ | Colfer (1992) | ⊕ | ⊕ | ⊖ | ⊖ | ⊕ | ⊖ |
| CAPTROPIL MULTICENTER RESEARCH GROUP (1983) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | CONSENSUS Trial Study Group (1987) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Cardillo (1994) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | Coppo (2007) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Carlsen (1989) | ⊗ | ⊖ | ⊕ | ⊕ | ⊕ | ⊗ | Corbalán (1990) | ⊖ | ⊖ | ⊕ | ⊕ | ⊖ | ⊖ |
| Carp (1994) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | Cordonnier (1999) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Carré (1992) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Costagliola (1995) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Challenor (1991) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | Crepaldi (1998) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Chalmers (1987) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Dahlof (2005) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Chatellier (1987) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | Dalsgaard (2014) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Chen (2002) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Darasz (1995) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Cheung (1999) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ | DeQuattro (1997) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Cheung and Lau (1999) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | DeQuattro and Lee (1997) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Chinese Cardiac Study (CCS-1) (1995) | ⊖ | ⊗ | ⊕ | ⊕ | ⊖ | ⊗ | Di Marco (2010) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Chrysant (1985) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | Dickstein (1991a) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Chrysant (1993) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Dickstein (1991b) | ⊖ | ⊖ | ⊖ | ⊕ | ⊖ | ⊗ |
| Chrysant (2000) | ⊕ | ⊖ | ⊖ | ⊖ | ⊕ | ⊖ | Dicpinigaitis and Dobkin (1996) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Chrysant (1996) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Dössegger (1993) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ |
| Chrysant (1997) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Drayer and Weber (1983) | ⊖ | ⊖ | ⊖ | ⊕ | ⊕ | ⊖ |
| Circo (1995) | ⊕ | ⊖ | ⊖ | ⊕ | ⊕ | ⊖ | Duboc (2005) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Cleland (1985) | ⊕ | ⊖ | ⊕ | ⊕ | ⊖ | ⊖ | Duboc (2007a) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Cleland (1991) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Duboc (2007b) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Cleland (1999) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Dyker (1997) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |

Domains:

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D2: Bias due to deviations from intended intervention.

D3: Bias due to missing data.

D4: Bias due to outcome measurement.

D5: Bias due to selection of reported result.

Judgement

⊗ High

⊖ Some concerns

⊕ Low

| Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall | Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall |
|------------------------|----|----|----|----|----|---------|--|----|----|----|----|----|---------|
| Ekholm (2002) | + | - | + | + | + | - | Gliddon (2007) | + | + | + | + | + | + |
| Erhardt (1995) | + | + | + | + | + | + | Gomez (1989) | + | + | + | + | + | + |
| Evans (1987) | + | + | + | + | + | + | González-Fernández (1993) | - | - | + | + | - | - |
| Eveson (2007) | + | + | + | + | + | + | Gordon (1997) | + | + | + | + | + | + |
| Fagard (2001) | + | + | + | + | + | + | Gotzsche (1992) | + | - | + | + | + | - |
| Faxon (1995) | + | + | + | + | + | + | Gradman (1995) | + | + | + | + | + | + |
| Ferrari (2006) | + | + | + | + | + | + | Gross (2020) | + | + | + | + | + | + |
| Flather (1994) | + | + | + | + | + | + | Guazzi (1999) | + | + | + | + | + | + |
| Ford (1993) | - | + | + | + | + | - | Guglin (2019) | + | + | + | + | + | + |
| Forette (1987) | - | + | + | + | + | - | Guillevin (1981) | - | - | + | - | - | ✗ |
| Foucan (1998) | + | + | + | + | + | + | Güntzel (1991) | - | + | + | + | + | - |
| Fox (2003) | + | + | + | + | + | + | Gupta (1990) | + | + | + | + | + | + |
| Franciosa (1985) | - | - | + | + | - | - | Hampton (1998) | + | + | + | + | + | + |
| Frcka and Lader (1988) | + | + | + | + | + | + | Hatazawa (2004) | - | - | + | + | + | - |
| French (1999) | - | + | ✗ | + | - | ✗ | Heart Outcomes Prevention Evaluation (HOPE) Study Investigators (2000) | + | + | + | + | + | + |
| Fuller (1987) | - | - | ✗ | + | + | ✗ | Henderson (1994) | - | + | + | + | + | - |
| Galcera-Tomas (1993) | - | - | + | + | + | - | Hernández (2000) | - | + | + | + | + | - |
| Gall (1992) | + | + | + | + | + | + | Herrlin (1990) | - | + | + | + | + | - |
| Gansevoort (1994) | - | - | + | + | + | - | Heuvel (1997) | + | + | + | + | + | + |
| Gerritsen (1998) | + | + | - | + | + | - | Holdaway (1994) | + | - | + | + | + | - |
| Gianni (2007) | + | + | + | + | + | + | Holwerda (1996) | + | + | + | + | + | + |
| Gilbert (1993) | + | - | + | + | + | - | Hommel (1986) | + | + | + | + | + | + |
| Gleerup (1996) | + | - | + | + | + | - | Homuth (1993) | + | + | + | + | + | + |

Domains:

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D4: Bias due to outcome measurement.

D5: Bias due to selection of reported result.

Judgement

✗ High

- Some concerns

+ Low

| Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall | Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall |
|---|----|----|----|----|----|---------|------------------------------|----|----|----|----|----|---------|
| Hong (2018) | + | + | + | + | + | + | Kjekshus and Swedberg (1989) | + | + | + | + | + | + |
| Hou (2006) | + | + | + | + | + | + | Klapholz (2001) | + | - | + | - | - | - |
| Hoy (2019) | + | + | + | + | + | + | Kleber (1992) | + | + | + | + | + | + |
| Hryniewicz (2005) | + | - | + | + | + | - | Kloke (1990) | - | - | + | + | - | - |
| Hsu (2009) | + | + | + | + | + | + | Kondowe (1987) | + | + | + | + | + | + |
| Hsu (2010) | + | + | + | + | + | + | Konstam (1992) | - | - | - | - | + | ✗ |
| Hutcheon (2002) | + | + | + | + | + | + | Konstam (1993) | + | + | - | + | + | - |
| ISIS-4 (Fourth International Study of Infarct Survival Collaborative Group (1995) | + | + | + | + | + | + | Kontopoulos (1999) | - | + | + | - | - | - |
| Janbabai (2017) | + | + | + | + | + | + | Koskinen (1988) | + | - | + | + | + | - |
| Janini (1988) | + | + | + | + | + | + | Kouatli (1997) | + | + | + | + | + | + |
| Javannard (2011) | + | + | + | + | + | + | Krysiak and Okopien (2008) | + | + | + | + | + | + |
| Jerums (2001) | + | + | + | + | + | + | Krysiak and Okopien (2011) | + | - | - | + | + | - |
| Jirasirirojanakorn (1998) | - | + | + | + | + | - | Küppers (1997) | + | + | + | + | + | + |
| Jones-Burton (2010) | + | + | + | + | + | + | Kuschnir (1996) | - | + | + | + | + | - |
| Jose (2006) | + | + | + | + | + | + | Kvetny (2001) | + | - | + | + | + | - |
| Joy (1987) | + | + | + | + | + | + | Labinjoh (2001) | + | + | + | + | + | + |
| Kaski (1994) | + | + | + | + | + | + | Lang (1995) | + | + | + | + | - | - |
| Katayama (2002) | + | + | + | + | + | + | Laurent (2015) | + | + | + | + | + | + |
| Katz (1991) | ✗ | + | + | + | + | ✗ | Leary (1985) | - | - | + | + | + | - |
| Kaufman (1993) | - | - | + | + | - | - | Lechat (1993) | - | + | + | + | + | - |
| Kim (2015) | + | - | + | + | + | - | Lee (1999) | + | + | + | + | + | + |
| Kitzman (2010) | + | + | + | + | + | + | Lees and Reid (1987) | - | + | + | + | + | - |
| Kjekshus and Swedberg (1988) | + | + | + | + | + | + | Leonetti (1991) | - | + | + | + | + | - |

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D5: Bias due to selection of reported result.

Judgement
✗ High
- Some concerns
+ Low

| Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall | Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall |
|--------------------------------|----|----|----|----|----|---------|---------------------------|----|----|----|----|----|---------|
| Lerch (1999) | − | − | + | + | + | − | Marre (2004) | + | + | − | + | + | − |
| Levine and Applegate (1997) | + | + | + | + | + | + | Martinuzzi (2008) | + | + | + | + | + | + |
| Lewis (1993) | + | + | + | + | + | + | Maschio (1996) | + | + | + | + | + | + |
| Lewis (1996) | + | + | + | + | + | + | Mathur (2020) | + | + | + | + | + | + |
| Lewis (1988) | + | + | + | + | + | + | Matsumoto (2006) | − | − | ✗ | + | + | ✗ |
| Liao (2003) | + | − | + | + | + | − | Mauer (2009) | + | + | + | + | + | + |
| Lonn (2001) | + | + | + | + | + | + | Mazayev (1998) | + | + | + | + | + | + |
| Lonn (2002) | ✗ | − | + | + | − | ✗ | Mbah (2012) | + | + | + | + | + | + |
| Lonn (2009) | + | + | + | + | + | + | McNabb (1986) | − | − | + | + | − | − |
| Lough (1998) | + | ✗ | ✗ | + | + | ✗ | Mersey (1993) | + | − | − | + | + | − |
| Luca (1993) | + | + | + | + | + | + | Messerli (1998) | + | + | + | + | + | + |
| Lusch (2006) | + | + | + | + | + | + | Metelitsa (1992) | − | + | + | + | + | − |
| MacDonald (1990) | + | + | + | + | + | + | Miller (1994) | + | − | + | + | + | − |
| MacFadyen (1997) | + | + | + | + | + | + | Mitrovic (1996) | + | + | + | + | + | + |
| MacFadyen and Struthers (1997) | + | + | + | + | + | + | Morgan (1995) | + | + | + | − | − | − |
| Maclean (1989) | + | + | + | + | + | + | Moser (1991) | + | + | + | + | + | + |
| MacMahon (2000) | + | + | + | + | + | + | Moser and Lunn (1982) | − | + | + | + | + | − |
| Malik (1998) | + | + | + | + | + | + | Moyses and Higgins (1992) | − | + | + | + | + | − |
| Mancia (1992) | + | + | + | + | + | + | Muesan (1993) | + | + | + | + | + | + |
| Mancia (2014) | + | + | + | + | + | + | Mullen (1998) | + | − | + | + | − | − |
| Mandelbrot (2015) | + | − | + | + | + | − | Mulligan (1988) | + | + | + | + | + | + |
| Marketou (2008) | + | − | + | − | + | − | Nabel (1991) | + | + | + | + | + | + |
| Marney (2010) | + | − | + | + | + | − | Naeije (1993) | − | + | + | + | + | − |

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D4: Bias due to outcome measurement.

D5: Bias due to selection of reported result.

Judgement

✗ High

− Some concerns

+ Low

| Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall | Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall |
|--------------------------|----|----|----|----|----|---------|-------------------------------------|----|----|----|----|----|---------|
| Nagamia (2007) | + | + | + | + | + | + | Pauly (2011) | + | + | + | + | + | + |
| Nalbantgil (1998) | - | + | + | + | + | - | Pepine (2003) | + | + | + | + | + | + |
| Naranjo (1991) | + | + | + | + | + | + | Perez-Vasquez (2020) | + | + | + | + | + | + |
| Nazir (2005) | + | + | + | + | + | + | Persson and Stimpel (1996) | - | + | + | + | + | - |
| Neaton (1993) | + | + | + | + | + | + | Petrie (2000) | - | + | + | + | + | - |
| Nicholls (1984) | - | + | + | + | + | - | Pleffler (1988) | - | + | + | + | - | - |
| Nicolas (2012) | + | + | + | + | + | + | Pleffler (1992) | + | + | + | + | + | + |
| Northridge (1993) | + | + | + | + | + | + | Pitt (2001) | ✗ | + | + | + | - | - |
| Northridge (1999) | + | + | + | + | + | + | Pittrow (1997) | + | + | + | + | + | + |
| O'Hare (2000) | + | + | + | + | + | + | Pluskin (2017) | + | + | + | + | + | + |
| O'Neill (1992) | + | + | + | + | - | - | Pool (1997) | + | + | + | + | + | + |
| Olajide and Lader (1985) | + | + | + | + | + | + | Pool (2001) | + | + | + | + | + | + |
| Oldroyd (1991) | - | + | + | - | - | - | Pouleur (1992) | + | + | + | + | + | + |
| Oosterga (2001) | - | + | - | + | + | - | Pouleur (1993) | - | - | + | + | + | - |
| Oparil (1999) | + | + | + | + | - | - | Prichard (2002) | + | + | + | + | + | + |
| Ordaz-Medina (2010) | + | + | + | + | + | + | Prisant (1998) | - | - | + | + | + | - |
| Ormesher (2020) | + | + | + | + | + | + | Prisant (1999) | - | + | + | + | + | - |
| Oshima (1997) | + | - | - | + | + | - | PROGRESS Collaborative Group (2001) | + | + | + | + | + | + |
| Parati (2014) | + | + | + | + | + | + | Puig (2007) | + | + | + | + | - | - |
| Pasquale (1993) | + | - | + | + | + | - | Rahman (2007) | + | - | + | + | + | - |
| Paster (1998) | + | + | + | + | + | + | Rahman (2010) | + | - | + | + | + | - |
| Patat (1989) | + | + | + | + | + | + | Rake (2001) | + | + | + | + | + | + |
| Patel (1996) | - | - | + | + | + | - | Ratnasabapathy (2003) | + | - | + | + | + | - |

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Judgement
✗ High
- Some concerns
+ Low

| Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall | Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall |
|---------------------------|----|----|----|----|----|---------|--------------------|----|----|----|----|----|---------|
| Ravid (1993) | + | + | + | + | + | + | Schneider (1999) | - | - | + | + | + | - |
| Ravid (1998) | + | + | + | + | + | + | Schrader (2001) | + | + | + | + | + | + |
| Ray-Chaudhuri (1993) | - | + | + | + | - | - | Seneviratne (1994) | + | + | + | + | - | - |
| Reisin (1997) | + | + | + | + | + | + | Shahin (2013) | + | - | + | + | + | - |
| Richer (1987) | + | + | + | + | + | + | Sharifipour (2016) | + | - | + | + | + | - |
| Riegger (1990) | - | + | + | + | + | - | Sharpe (1984) | - | + | + | + | + | - |
| Riegger (1991) | - | + | - | + | + | - | Shaw (2014) | + | + | + | + | + | + |
| Rodrigues (2008) | + | + | + | + | + | + | Sigurdsson (1994) | + | - | - | + | + | - |
| Rodriguez-Granillo (2007) | + | + | + | + | + | + | Silber (2004) | + | + | + | + | + | + |
| Rosenbaek (2018) | + | + | + | + | + | + | Simon (1989) | - | + | + | + | + | - |
| Rouleau (2008) | + | + | + | + | + | + | Soejima (1996) | - | ✗ | + | + | - | ✗ |
| Rubin (1984) | - | - | - | - | + | ✗ | Sonbolestan (2013) | + | + | + | + | + | + |
| Ruggenenti (2004) | + | + | + | + | + | + | Speel (2005) | + | + | + | + | + | + |
| Ruggenenti (2011) | + | + | + | + | + | + | Squire (1994) | + | + | + | + | + | + |
| Ruilope (2004) | + | + | + | + | + | + | Steinman (1993) | + | + | + | + | + | + |
| Rustin (1987) | - | + | + | + | + | + | Stephan (1996) | - | - | + | + | + | - |
| Rutledge (1988) | + | + | + | + | + | + | Stimpel (1996) | + | + | + | + | + | + |
| Saito (1990) | + | + | + | + | + | + | Strozzi (1987) | - | - | - | - | - | ✗ |
| Sampaio (2005) | + | + | + | + | + | + | Sudoh (1993) | + | + | + | + | + | + |
| Sassano (1987) | - | + | + | + | + | - | Sullivan (1979) | - | + | + | + | + | - |
| Saul (2013) | + | + | + | + | + | + | Sullivan (1988) | - | - | + | + | + | - |
| Schill (1994) | + | + | + | + | + | + | Sumukadas (2007) | + | + | + | + | + | + |
| Schmidt (1992) | - | + | + | + | + | - | Sumukadas (2018) | + | + | + | + | + | + |

Domains:

D1: Bias due to randomisation.
D2: Bias due to deviations from intended intervention.
D3: Bias due to missing data.
D4: Bias due to outcome measurement.
D5: Bias due to selection of reported result.

Judgement

✗ High
- Some concerns
+ Low

| Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall | Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall |
|--|----|----|----|----|----|---------|---|----|----|----|----|----|---------|
| Swedberg (1990) | ⊖ | ⊕ | ⊗ | ⊕ | ⊕ | ⊗ | Veterans Administration Cooperative Study Group on Antihypertensive Agents (1984) | ⊕ | ⊖ | ⊖ | ⊕ | ⊕ | ⊖ |
| Taddei (1995) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Viberti (1994) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Taylor (1990) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Vlasses (1982) | ⊖ | ⊗ | ⊕ | ⊗ | ⊕ | ⊗ |
| Teo (2000) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Vongterapak (1998) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ |
| The Acute Infarction Ramipril Efficacy (AIRE) Study Investigators (1993) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Waeber (1999) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| The EUCLID study group (1997) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Walter (2002) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| The GISEN Group (Gruppo Italiano di Studi Epidemiologici in Nefrologia) (1997) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Walters (2001) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| The Treatment of Mild Hypertension Research Group (1991) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Walters (2004) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| The Veratran Study Group (1997) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Wang (2012) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Thind (1985) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Wang (2016) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Thürig (1995) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Webster (1985a) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ |
| Tohmo (1993) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | Webster (1985b) | ⊖ | ⊖ | ⊕ | ⊖ | ⊖ | ⊗ |
| Tong (2006) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Weinberger (1983) | ⊕ | ⊕ | ⊕ | ⊗ | ⊕ | ⊕ |
| Toto (1996) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | Weir and Saunders (1998) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Trevisan and Tiengo (1995) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | West (1991) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ |
| Tsang (2006) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | White (1988) | ⊖ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ |
| Tuininga (2000) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | White (1995) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Turner (2006) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ | White (2002) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Tzourio (2003) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Wiegmann (1992) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| van Kooij (2006) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Wilkins (1983) | ⊖ | ⊕ | ⊕ | ⊕ | ⊕ | ⊖ |
| Veldhuisen (1998) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Willenheimer (2001) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ |
| Verrico (2016) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | Willoughby (2012) | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ | ⊕ |
| Veterans Administration Co-Operative Study Group on Antihypertensive Agents (1982) | ⊖ | ⊖ | ⊕ | ⊕ | ⊖ | ⊖ | Winer (1990) | ⊕ | ⊖ | ⊕ | ⊕ | ⊕ | ⊖ |

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D4: Bias due to outcome measurement.

D5: Bias due to selection of reported result.

Judgement




⊗ High

⊖ Some concerns

⊕ Low

| Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall | Study (Year) | D1 | D2 | D3 | D4 | D5 | Overall |
|--------------|----|----|----|----|----|---------|------------------|----|----|----|----|----|---------|
| Wyld (1994) | + | - | + | + | + | - | Zamboulis (1996) | - | - | + | + | + | - |
| Yu (2006) | + | + | + | + | + | + | Zannad (2006) | + | + | + | + | + | + |
| Yusuf (1991) | + | + | + | + | + | + | Zee (1998) | + | + | + | + | + | + |
| Yusuf (1992) | + | + | + | + | + | + | Zeng (1998) | - | + | + | + | + | - |
| Yusuf (2000) | + | + | + | + | + | + | Zi (2003) | + | + | + | + | + | + |

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Judgement
 High
 Some concerns
 Low