

Supplementary data 3. Excluded full text references.

Source of primary studies

Chambers2009¹ is a health technology assessment report.

DeDiego2015² is a review of a clinical guideline.

GómezPalonés2011³ is a review of the literature.

Hay2009⁴ is a technology appraisal guidance.

Holt2007⁵ is a systematic review of volume surgery.

Moll2011⁶ is a review of a clinical guideline.

Stather2013⁷ is a systematic review published before the systematic review of Paravastu et al.

Wrong comparison

Grootenboer2013⁸ did not compare EVAR vs. OSR.

Marlow2010⁹ did not compare EVAR vs. OSR.

McPhee2011¹⁰ did not compare EVAR vs. OSR.

McPhee2007¹¹ did not compare EVAR vs. OSR.

Wrong study design

Casey2013¹² is an observational study assessing non high-risk patients.

Mujib2013¹³ is an observational study assessing non high-risk patients.

Schermerhorn2015¹⁴ is an observational study assessing non high-risk patients.

Wrong outcomes

Berman2008¹⁵ did not provide patient's preferences.

Berman2011¹⁶ did not provide patient's preferences.

Goldberg2010¹⁷ reported the determinants of preferences in post operated patients.

Faggioli2011¹⁸ reported the determinants of preferences in post operated patients.

Holt2010¹⁹ reported the determinants of preferences in screened detected patients.

Karthikesalingam2011²⁰ did not provide re-intervention rate or endoleaks.

Park2014²¹ did not provide the number of events.

Wrong population

Bahia2015²² assessed infrarenal aneurysm.

Michel2015²³ assessed complex and and thoraco-abdominal aneurysm.

Primary study included in a systematic review

Becquemin2011²⁴.

Wrong input

Burgers2016²⁵ did not consider the mortality rates published by the randomised controlled trials. The study included inputs from the US cohorts.

- 1 Chambers D, Epstein D, Walker S, Fayter D, Paton F, Wright K, et al. Endovascular stents for abdominal aortic aneurysms: a systematic review and economic model. *Health Technol Assess* 2009;**13**(48):1–189–215–318–iii. Doi: 10.3310/hta13480.

- 2 De Diego J. Comentarios a la guía de práctica clínica de la ESC 2014 sobre diagnóstico y tratamiento de la patología de la aorta. *Revista Española De Cardiología* 2015;**68**(3):179–84. Doi: 10.1016/j.recesp.2014.12.004.
- 3 Gómez Palonés F. Endovascular treatment of the abdominal aortic aneurysm | Tratamiento endovascular del aneurisma de aorta abdominal. *Angiología* 2011;**63**(5):205–28. Doi: 10.1016/j.angio.2011.06.002.
- 4 Hay N, McCracken F, Richardson J, George E, Barnett D. Endovascular stent-grafts for the treatment of abdominal aortic aneurysms: NICE technology appraisal guidance. *Heart* 2009;**95**(21):1798–800. Doi: 10.1136/hrt.2009.176362.
- 5 Holt PJE, Poloniecki JD, Gerrard D, Loftus IM, Thompson MM. Meta-analysis and systematic review of the relationship between volume and outcome in abdominal aortic aneurysm surgery. *Br J Surg* 2007;**94**(4):395–403. Doi: 10.1002/bjs.5710.
- 6 Moll FL, Powell JT, Fraedrich G, Verzini F, Haulon S, Waltham M, et al. Management of abdominal aortic aneurysms clinical practice guidelines of the European society for vascular surgery. *Eur J Vasc Endovasc Surg* 2011:S1–S58. Doi: 10.1016/j.ejvs.2010.09.011.
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- 9 Marlow NE, Barraclough B, Collier NA, Dickinson IC, Fawcett J, Graham JC, et al. Effect of hospital and surgeon volume on patient outcomes following treatment of abdominal aortic aneurysms: a systematic review. *Eur J Vasc Endovasc Surg* 2010;**40**(5):572–9. Doi: 10.1016/j.ejvs.2010.07.001.
- 10 McPhee JT, Robinson WP, Eslami MH, Arous EJ, Messina LM, Schanzer A. Surgeon case volume, not institution case volume, is the primary determinant of in-hospital mortality after elective open abdominal aortic aneurysm repair. *J Vasc Surg* 2011;**53**(3):591–2. Doi: 10.1016/j.jvs.2010.09.063.
- 11 McPhee JT, Hill JS, Eslami MH. The impact of gender on presentation, therapy, and mortality of abdominal aortic aneurysm in the United States, 2001–2004. *J Vasc Surg* 2007;**45**(5):891–9. Doi: 10.1016/j.jvs.2007.01.043.
- 12 Casey K, Hernandez-Boussard T, Mell MW, Lee JT. Differences in readmissions after open repair versus endovascular aneurysm repair. *J Vasc Surg* 2013;**57**(1):89–95. Doi: 10.1016/j.jvs.2012.07.005.
- 13 Mujib M. Secondary procedures and long-term morbidity and mortality following endovascular and open repair of abdominal aortic aneurysm. *Vascular Disease Management* 2013;**10**(7):E124–9.
- 14 Schermerhorn ML, Buck DB, O'Malley AJ, Curran T, McCallum JC, Darling J, et al. Long-Term Outcomes of Abdominal Aortic Aneurysm in the Medicare Population. *N Engl J Med* 2015;**373**(4):328–38. Doi: 10.1056/NEJMoa1405778.
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