

Supplementary Table 1 Search strategy used in individual databases

Database	Search strategy	Articles retrieved
PubMed	(((Intra-coronary[All Fields] OR "Intracoronary Brachytherapy"[All Fields]) OR (Intra-vascular[All Fields] OR "Intravascular Brachytherapy"[All Fields])) AND ("Drug eluting stent"[All Fields] OR "Drug-eluting stent"[All Fields] OR DES[All Fields])) AND (In-stent[All Fields] OR ("Interdiscip Sci Rev"[Journal] OR "Inf Syst Res"[Journal] OR "isr"[All Fields]))	26
Cochrane Database	((((("Intra-coronary Brachytherpay" OR "Intracoronary Brachytherapy")) OR ("Intra-vascular Brachytherpay" OR "Intravascular Brachytherapy")) AND (("Drug eluting stent" OR "Drug-eluting stent" OR DES))) AND (("In-stent restentosis" OR ISR))	1
Centre for review and disseminations database (DARE, NHS EED and HTA)	((Drug eluting stent OR Drug-eluting stent OR DES):TI OR ((Intra-coronary Brachytherpay OR Intracoronary Brachytherapy) OR (Intra-vascular Brachytherpay OR Intravascular Brachytherapy)):TI OR ((In-stent restentosis OR ISR)):TI	79

Supplementary eMethod 1: References of excluded studies after full text review

- [1] H. Nakahama, M. Jankowski, S.R. Dixon, A.E. Abbas, Long-term outcome of brachytherapy treatment for coronary in-stent restenosis: Ten-year follow-up, Catheter. Cardiovasc. Interv. 93 (2019) E211–E216. doi:10.1002/ccd.27866.
- [2] R. Seabra Gomes, P. De Araújo Gonçalves, R. Campante Teles, M. De Sousa Almeida, Avaliação tardia (> 10 anos) da braquiterapia intracoronária com radiação beta para restenose difusa intrastent, Rev. Port. Cardiol. 33 (2014) 609–616. doi:10.1016/j.repc.2014.02.027.