

Supplementary additional file 1 full electronic search strategy

Database	Search strategy
PubMed (Medline)	1 "Implantable cardioverter defibrillator registry"[Title/Abstract]
01 January 2006 to 31 December 2016	2 "ICD registry"[Title/Abstract]
	3 "Cardiac Resynchronization Therapy Registry"[Title/Abstract]
	4 "CRT registry"[Title/Abstract]
	5 ("Cardiac Resynchronization Therapy"[Title/Abstract]) AND registry[Title/Abstract]
	6 "pacemaker registry"[Title/Abstract]
	7 "stent registry"[Title/Abstract]
	8 "tavi registry"[Title/Abstract]
	9 "Transcatheter aortic valve implantation registry"[Title/Abstract]
Total number of articles	406
Potentially relevant (after screening titles and abstracts)	254
Actually relevant (after screening abstracts and full text articles)	250

Database	Search strategy
Scopus	1 TITLE-ABS-KEY ("Implantable cardioverter defibrillator registry") AND PUBYEAR > 2005 AND PUBYEAR < 2017
01 January 2006 to 31 December 2016	2 TITLE-ABS-KEY ("ICD Registry") AND PUBYEAR > 2005 AND PUBYEAR < 2017
	3 TITLE-ABS-KEY ("Cardiac Resynchronization Therapy Registry") AND PUBYEAR > 2005 AND PUBYEAR < 2017
	4 TITLE-ABS-KEY ("CRT Registry") AND PUBYEAR > 2005 AND PUBYEAR < 2017
	5 TITLE-ABS-KEY ("pacemaker registry") AND PUBYEAR > 2005 AND PUBYEAR < 2017
	6 TITLE-ABS-KEY ("stent registry") AND PUBYEAR > 2005 AND PUBYEAR < 2017
	7 TITLE-ABS-KEY ("tavi registry") AND PUBYEAR > 2005 AND PUBYEAR < 2017
	8 TITLE-ABS-KEY ("Transcatheter aortic valve implantation registry") AND PUBYEAR > 2005 AND PUBYEAR < 2017
Total number of articles	344
After removing duplicates	117
Potentially relevant (after screening titles and abstracts)	117
Actually relevant (after screening abstracts and full text articles)	105

Database	Search strategy
ScienceDirect	1 Pub-date > 2005 and pub-date < 2017 and TITLE-ABSTR-KEY("Implantable cardioverter defibrillator registry")
01 January 2006 to 31 December 2016	2 Pub-date > 2005 and pub-date < 2017 and TITLE-ABSTR-KEY("ICD registry")
	3 Pub-date < 2017 and TITLE-ABSTR-KEY("Cardiac Resynchronization Therapy Registry")
	4 Pub-date > 2005 and pub-date < 2017 and TITLE-ABSTR-KEY("CRT registry")
	5 Pub-date > 2005 and pub-date < 2017 and TITLE-ABSTR-KEY("Pacemaker registry")
	6 Pub-date > 2005 and pub-date < 2017 and TITLE-ABSTR-KEY("stent registry").
	7 Pub-date > 2005 and pub-date < 2017 and TITLE-ABSTR-KEY("tavi registry")
	8 Pub-date > 2005 and pub-date < 2017 and TITLE-ABSTR-KEY("Transcatheter aortic valve implantation registry")
	Search strategy
Total number of articles	251
After removing duplicates	74
Potentially relevant (after screening titles and abstracts)	50
Actually relevant (after screening abstracts and full text articles)	44

Pub-date=Publication date; ABSTR=Abstract; KEY=Key words

Database	Search strategy
EMBASE via DIMID	1 (TI="Implantable cardioverter defibrillator" AND TI=registry) AND PY=2006 to 2016 AND LA=ENGLISH
01 January 2006 to 31 December 2016	2 (TI=ICD AND TI=Registry) AND PY=2006 to 2016 AND LA=ENGLISH
	3 (TI="Cardiac Resynchronization Therapy" AND TI=registry) AND PY=2006 to 2016 AND LA=ENGLISH
	4 (TI=pacemaker AND TI=registry) AND PY=2006 to 2016 AND LA=ENGLISH
	5 TI="stent registry" AND PY=2006 to 2016 AND LA=ENGLISH
	6 TI=("Transcatheter Aortic Valve Implantation" AND TI=registry) AND PY=2006 to 2016 AND LA=ENGLISH
	7 TI="TAVI Registry" AND PY=2006 to 2016 AND LA=ENGLISH
Total number of articles	528
After removing duplicates	27
Potentially relevant (after screening titles and abstracts)	17
Actually relevant (after screening abstracts and full text articles)	17

TI=Title; PY=Publication year; LA=Language