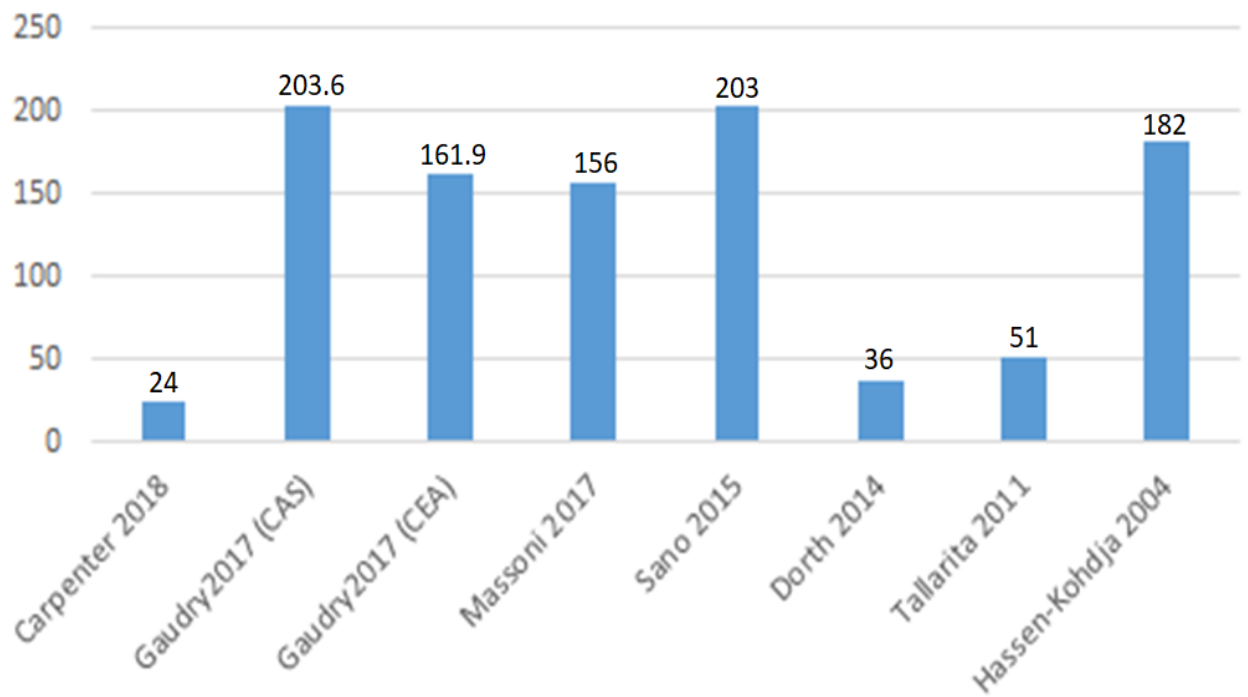


Supplementary material

Tzoumas A, Xenos D, Giannopoulos S, et al. Revascularization approaches in patients with radiation-induced carotid stenosis: an updated systematic review and meta-analysis. Kardiol Pol. 2021.

Please note that the journal is not responsible for the scientific accuracy or functionality of any supplementary material submitted by the authors. Any queries (except missing content) should be directed to the corresponding author of the article.

Supplementary figure 1. Time interval between carotid artery irradiation and carotid intervention (months)

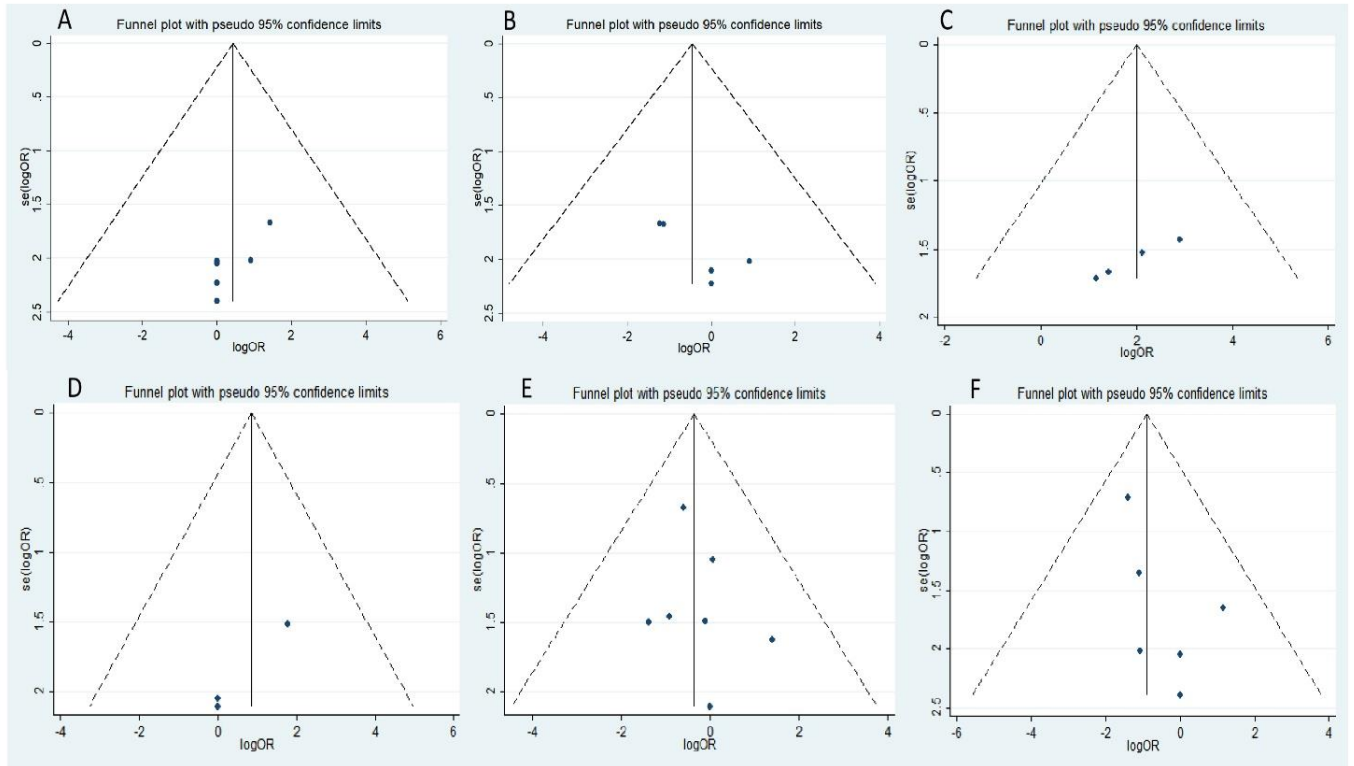


Supplementary Table 1. Risk of Bias Assessment for Observational Studies (Robins-I Tool)

Study	Confounding	Selection	Measurement of interventions	Deviations from intended interventions	Missing data	Measurement of data	Selection of the reported result
Carpenter 2018	low	moderate	low	low	moderate	low	low
Gaudry2017	low	low	low	moderate	low	low	low
Massoni 2017	low	moderate	low	low	moderate	low	low
Sano 2015	low	low	low	low	moderate	low	low
Dorth2014	low	moderate	moderate	low	low	low	low
Tallarita 2011	low	low	low	low	low	low	low
Hassen-Kohdja 2004	low	moderate	moderate	low	moderate	low	low

Supplementary Table 2. Details regarding patients' demographic characteristics, stratified by the type of revascularization

Study	Female, %		CAD, %		HTN, %		Diabetes, %		Smoking history, %		Dyslipidemia, %		Renal disease, %	
	CEA	CAS	CEA	CAS	CEA	CAS	CEA	CAS	CEA	CAS	CEA	CAS	CEA	CAS
Carpenter 2018	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Gaudry 2017	19.1	22.8	10	5	62	73	14	5	95	82	62	54.5	0	4.5
Massoni 2017	40	14	0	14	60	86	20	29	0	14	60	29	20	14
Sano 2015	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Dorth2014	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Tallarita 2011	26	24	63	33	63	64	19	22	56	63	81	56	11	8
Hassen-Kohdja 2004	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Total	25	23	36	21	62	69	13	16	66	65	72	52	8	7



A: Death , B: Stroke, C: Cranial Nerve Injury, D: Myocardial Infarction, E: Late restenosis, F: Late Mortality

Supplementary Figure 2. Funnel Plots for primary and secondary outcomes