



**Figure S1** Flow diagram of the literature search and selection.

**Table S1** Characteristics of included studies

Author, year, country	Study design	Age of study subjects	Date of diagnosed and treated	Follow-up period	GI-bleeding/ non-GI-bleeding	Adjusted OR/ RR/HR (95% CI)	NOS quality scores
Yin <i>et al.</i> , 2017, China	Retrospective study	The media age was 54.5 years (range, 21–84 years)	2005–2015	NA	163/363	0.46 (0.25, 0.82)	7
Xiao <i>et al.</i> , 2013, China	Retrospective study	The average age was 51±15 years	1986–2020	The median follow-up period was 65 months	7/14	7.38 (1.51, 36.08)	6
Wan <i>et al.</i> , 2019, China	Retrospective study	The media age was 51 years	2005–2017	The median follow-up period was 43 months	222/222	0.47 (0.30, 0.75)	8
Wang <i>et al.</i> , 2014, China	Retrospective study	The media age was 61.5 years (range, 23–78 years)	2005–2011	The median follow-up period was 40.3 months	24/60	3.85 (1.63, 9.10)	7
Lv, 2019, China	Retrospective study	The media age was 59 years (range, 15–82 years)	2000–2009	The median follow-up period was 50 months	44/70	1.88 (0.98, 3.64)	8
Liu, 2017, China	Retrospective study	The average age was 58.27±10.54 years	2007–2016	NA	63/107	2.33 (1.11–4.92)	6

OR, odds ratio; RR, relative risk; HR, hazard ratio; CI, confidence interval; NOS, Newcastle-Ottawa scale; NA, not applicable.