

Supplementary Material

Supplementary Figure 1 Leave-one-out plot for initial hemostasis in clip versus band

Supplementary Figure 2 Leave-one-out plot for early rebleed in clip versus band

Supplementary Figure 3 Initial hemostasis netgraph

Supplementary Figure 4 Funnel plot of initial hemostasis

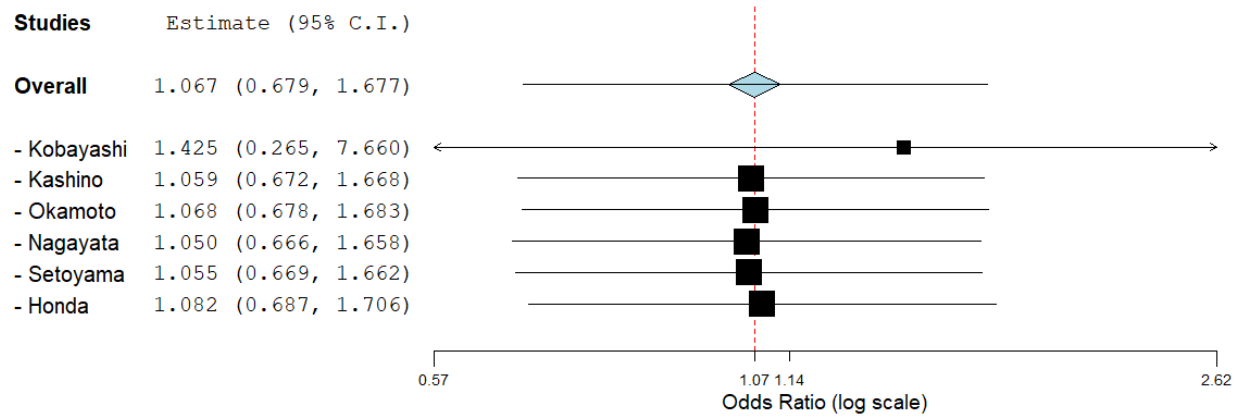
Supplementary Figure 5 Early rebleed netgraph

Supplementary Figure 6 Funnel plot of early rebleed

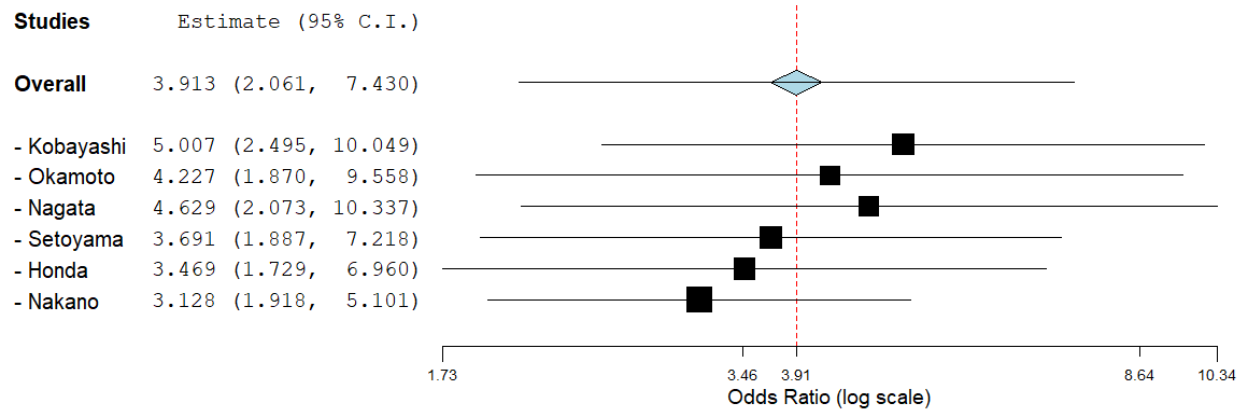
Supplementary Figure 7 Late rebleed netgraph

Supplementary Table 1 Baseline characteristics of included studies

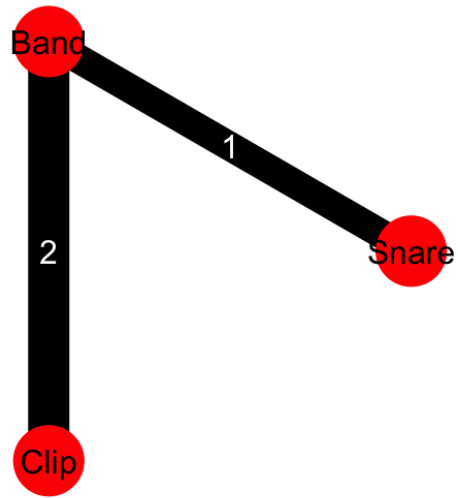
Supplementary Table 2 Quality assessment



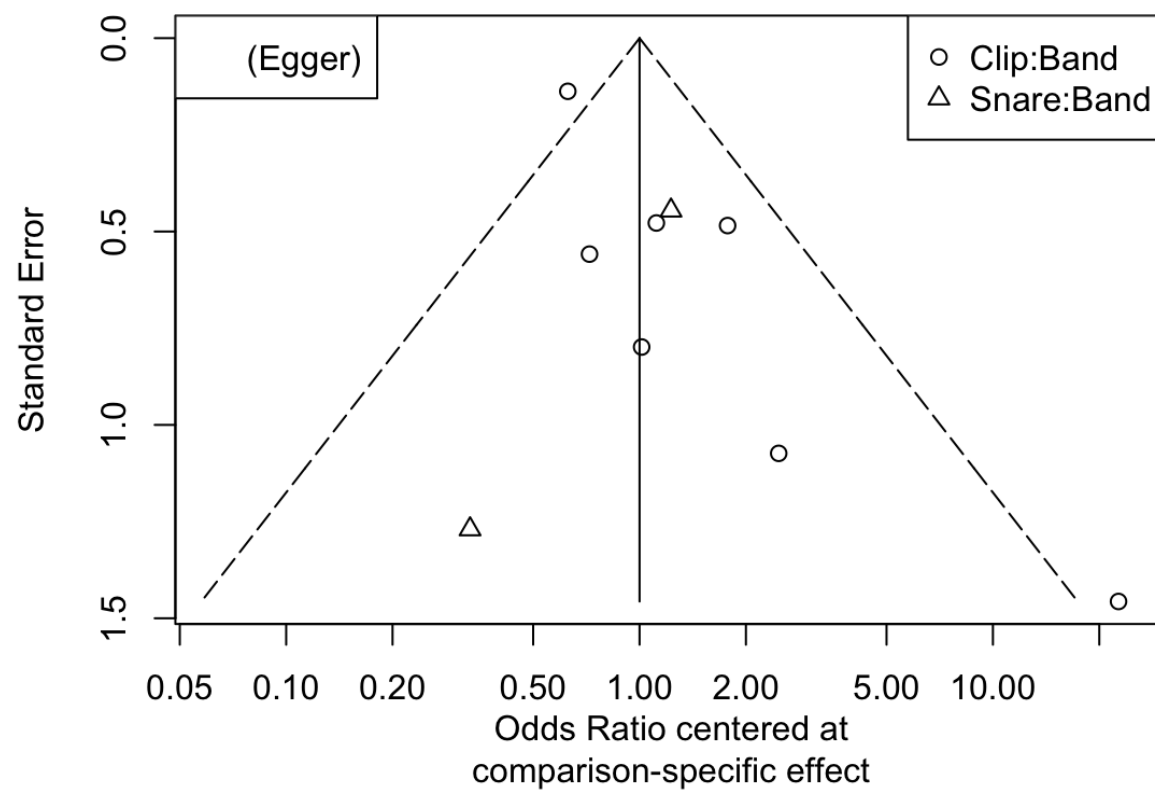
Supplementary Figure 1 Leave-one-out plot for initial hemostasis in clip versus band



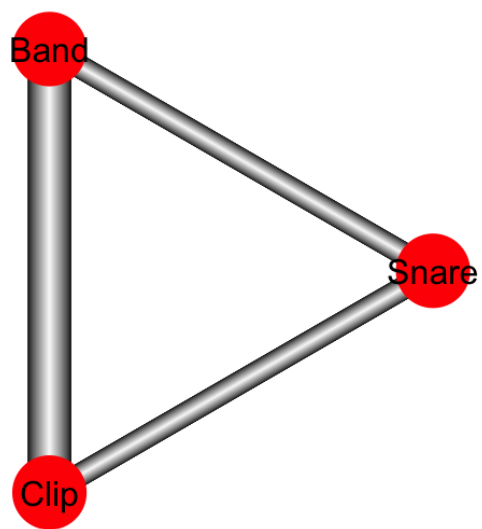
Supplementary Figure 2 Leave-one-out plot for early rebleed in clip versus band



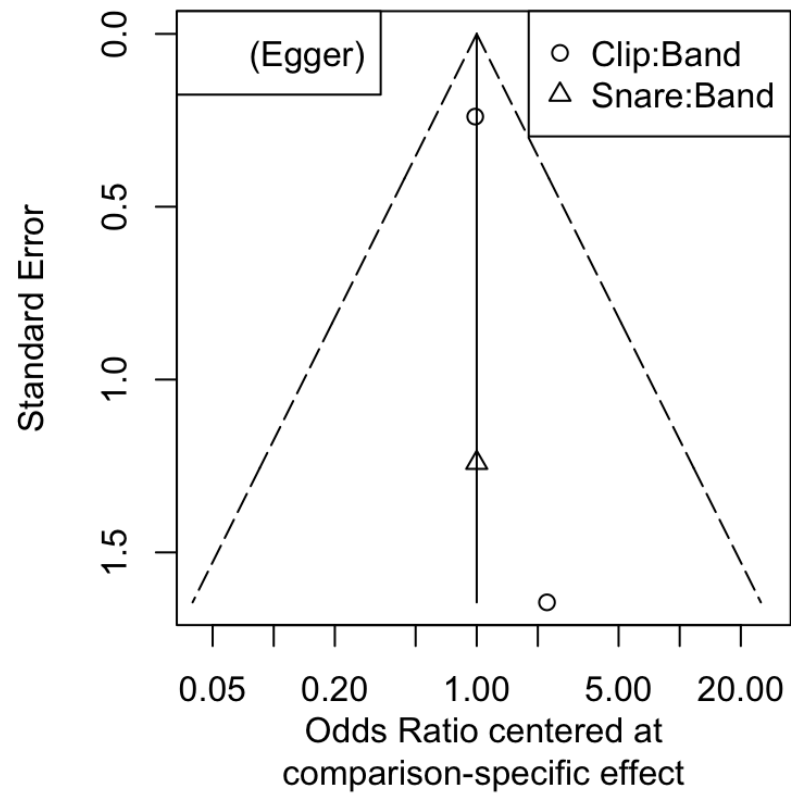
Supplementary Figure 3 Initial hemostasis netgraph



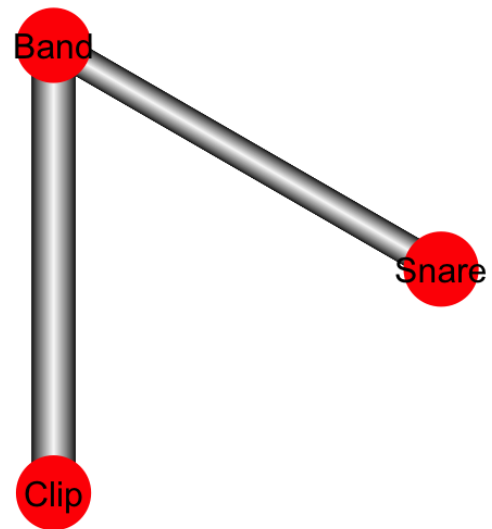
Supplementary Figure 4 Funnel plot of initial hemostasis



Supplementary Figure 5 Early rebleed netgraph



Supplementary Figure 6 Funnel plot of early rebleed



Supplementary Figure 7 Late rebleed netgraph

Supplementary Table 1 Baseline characteristics of included studies

Study name	Country, year	Study type	Total patients	Males	Age	Clip	Band	Snare
Yen et al.	USA, 2008	Retrospective cohort	11	10	71.7	11	-	-
Couto- Worner	Spain, 2013	Retrospective cohort	5	3	73.8	5	-	-
Kumar et al.	USA, 2011	Retrospective cohort	13	12	71	13	-	-
Kaltenbach et al.	USA, 2012	Retrospective cohort	64	61	76 (51-95)	64	-	-
Kishino et al.	Japan, 2020	Retrospective cohort	1041	735	NP	1041	-	-
Hayasaka et al.	Japan, 2022	Retrospective cohort	85	66	72	85	-	-
Kawanishi et al.	Japan, 2018	Retrospective cohort	93	72	66 (35-94)	93	-	-
Kawano et al.	Japan, 2021	Retrospective cohort	36	25	78 (61-97)	36	-	-
Ishii et al.	Japan, 2012	Retrospective cohort	89	61	63.75	89	-	-
Fujino et al.	Japan, 2013	Retrospective cohort	90	60	66.5	90	-	-

Sugiyama et al.	Japan, 2015	Retrospective cohort	124	73	NP	124	-	-
Kitagawa et al.	Japan, 2019	Retrospective cohort	144	87	73.8 ± 10.5	144	-	-
Shimamura et al.	Japan, 2016	Retrospective cohort	95	72	65.4	-	95	-
Farrell et al.	USA, 2003	Retrospective cohort	4	2	88.5	-	4	-
Ikeya et al.	Japan, 2015	Retrospective cohort	101	74	64.7	-	101	-
Shibata et al.	Japan, 2014	Retrospective cohort	27	NP	NP	-	27	-
Ishii et al.	Japan, 2012	Retrospective cohort	29	26	64 ± 13	-	29	-
Yamauchi et al.	Japan, 2023	Retrospective cohort	104		NP	-	441	77
Hamada et al.	Japan, 2022	Retrospective cohort	39	30	77 (50-87), (38-86)	-	21	18
Akutsu et al.	Japan, 2018	Prospective cohort	143	99	68 ± 12	-	-	101
Kobayashi et al.	Japan, 2021	Retrospective cohort	1679	1179	NP	1041	638	-

Kobayashi et al.	Japan, 2020	Retrospective cohort	131	102	71 (42-89), (43-91)	87	-	44
Kishino et al.	Japan, 2021	Retrospective cohort	93	51	72 (67-86.5)	62	31	-
Okamoto et al.	Japan, 2019	Retrospective cohort	135	78	73, 72	68	67	-
Nagata et al.	Japan, 2018	Retrospective cohort	108	65	72.2 ± 8.6, 71.4 ± 12.8	47	61	-
Nakano et al.	Japan, 2015	Retrospective cohort	100	73	64 (13), 67 (13)	39	61	-
Setoyama et al.	Japan, 2011	Retrospective cohort	66	NP	63 (29-91), (40-87)	48	18	-
Honda et al.	Japan, 2019	Retrospective cohort	141	113	NP	38	103	-

Supplementary Table 2 Quality assessment

Study	RANDOM SEQUENCE GENERATION	ALLOCATION CONCEALMENT	BLINDING OF PARTICIPANTS AND PERSONNEL	BLINDING OF OUTCOME ASSESSMENT	INCOMPLETE OUTCOME DATA	SELECTIVE REPORTING	OTHER BIAS
Akutsu et al.	Low	Low	High	High	Low	Low	High

Study	Clearly stated aim	Inclusion of consecutive patients	Prospective collection of data	Endpoints appropriate to the aim of the study	Unbiased assessment of the study endpoint	Follow- up period appropriate to the aim of the study	Loss to follow up less than 5%	Prospective calculation of the study size	An adequate control group	Contemporary groups	Baseline equivalence of groups	Adequate statistical analyses	Total Score
Shimamura et al.	2	2	2	2	0	2	2	2	1	2	1	2	20
Shibata et al.	1	2	2	1	0	2	1	0					09
Setoyama et al.	2	2	2	2	0	2	2	0	2	2	2	2	20
Okamoto et al.	2	2	2	2	0	2	0	2	2	1	2	2	19
Nagata et al.	2	2	2	2	1	2	0	0	2	2	2	2	19
Nakano et al.	2	2	2	2	0	2	0	1	2	1	1	2	17
Kobayashi 2022 et al.	2	2	2	2	0	2	0	2	2	2	1	2	19
Kobayashi 2019 et al.	2	2	2	2	0	2	0	0	2	1	1	2	16
Kumar et al.	2	2	1	2	0	2	1	0	2	1	0	2	15
Kitagawa et al.	1	2	2	1	0	2	2	1					11
Kishino 2022 et al.	2	2	2	2	0	2	2	2	2	2	1	2	21
Kishino 2020 et al.	2	2	2	2	0	2	2	1	2	2	1	2	20
Kawano et al.	2	2	2	2	0	2	0	0					10
Kawanishi et al.	2	2	2	2	0	2	2	2					14
Kaltenbach et al.	2	2	2	2	0	1	0	0					09
Ishii 2012 et al. ¹	2	2	2	2	0	2	2	0	1	2	1	2	18
Ishii 2012 et al.	2	2	2	2	0	2	2	0					12
Fujino et al. ²	2	2	2	2	0	2	2	2					14
Farrell et al.	2	1	2	1	0	2	2	0					10
Ikeya et al. ²	2	2	2	2	0	2	2	2					14

Honda et al.	2	2	2	2	0	2	2	2	2	2	1	2	21
Hayasaka et al.	2	2	2	2	0	2	2	0	2	2	2	2	20
Akutsu et al.	2	2	2	2	0	2	2	2					14
Couto-Worner et al.	1	1	0	1	0	1	2	0					06
Hemanda et al.	2	2	2	1	0	1	2	0	2	2	2	2	18
Yen et al	2	2	2	2	0	2	2	0	2	1	1	2	18
Sugiyama et al	2	2	2	2	0	2	2	2	2	2	1	2	21

¹Clip study.

²There were bleeding and nonbleeding groups but only one hemostatic intervention was used so we treated these as non-comparative studies for the purposes of meta-analysis.