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Supplementary file 2. Data Extraction Table

(4)	(3)	(2)	(1)	Number
2004	2015	2018	2014	Year
New Zealand	America	America	Turkey	Country
Case report	Case report and	Retrospective cross-sectional	Research article	Type of Study
63	82	78.4	73.51	Average Age
Male	Male	49.8% M, 50.2% F	42.74% M, 57.26% F	Gender = M/F
-	BP=184/98 .HR=60 .	-	-	Vital Signs on Admission
Anterior	Right-sided Anterior	92.5% A, 7.5% P	77% A, 14% P, 9% not identified	Site of bleeding
-	-	-	Trauma in 5.31%	Cause of injury
-	Rivaroxaban . Aspirin	-	11.1%	Is Patient Using Anticoagulants
-	1.31	-	-	INR
Yes	No	-	-	Recurrent Epistaxis
-	-	-	-	Rebleeding
HTN	HTN	HTN, DM, HHT.	HTN, DM, Sinusitis. Nasal	Risk factors
-	BPH, CAG, CABG	Renal failure, COPD.	Coronary artery disease.	Comorbidity
-	No	21.8%	2.56%	Need Transfusion
Nasal packing	Topical tranexamic	Nasal packing	Silver nitrate cautery	Method for Control
Manual pressure	Nasal tampon	Cauterization, Embolization.	Nasal packing	Comparison Method
-	-	-	-	Time to Cessation
-	Well with no complication	-	Well with no complication	Host Response to Packing[complication]: Ulceration, Adhesion, Necrosis
-	No	100%	17.94%	Need Hospital Admission
NO	No	0.8%	-	Mortality

(11)	(10)	(9)	(8)	(7)	(6)	(5)
2004	2019	2018	1994	2019	2009	2016
UK	USA	America	America	America	America	America
retrospective	Case report	Retrospective review	Retrospective chart review	Randomized Controlled	Clinical practice and	Literature review
67.7	84	63	64.3	63	61	64.5
57.14% M, 42.86% F	Male	70% M, 30% F	52.5% M, 47.5% F	53.4% M, 46.6% F	Male	M & F
-	BP=149/77, PR=76	-	76.5% Elevated BP.	BP=145/80, PR=86.	-	-
-	Brachiocephalic arteriovenous	78.1% anterior, 21.9% posterior	Posterior	Anterior	Left-sided anterior	Bilateral anterior
Trauma in some	Needle insertion during	Trauma 13.3%	Trauma 12%	-	No	-
31.7% Aspirin.	-	63.3%	29%	-	Baby aspirin	-
-	-	-	-	-	-	-
-	-	-	37%	-	No	No
44.44%	-	23.3%	44.1%	26%	No	-
HTN, DM, Coagulopathy	HTN	HTN, HHT	HTN, DM, Acute	HTN, DM	HTN	Nasopharyngeal
Heart disease	CHF, CKD	Thrombocytopenia. Left	COPD	CAD, COPD	-	-
-	-	12.3%	12.3%	-	-	-
Nasal packing	Pressure dressing. TXA.	Topical tranexamic acid	Posterior nasal gauze packing	Nasal packing	Nasal packing	Nasal packing
Nasal tampons.	-	Oxymetazoline, lidocaine.	Nasal tampons and	Classic compression	Topical vasoconstrictor	-
-	30 minutes	10 minutes	-	15 minutes	60 minutes	No cessation
Hemorrhage	-	Well with no complication	-	-	Well with no complication	-
3.42%	-	20%	-	-	-	100%
-	-	No	3.7%	No	-	100%

(17)	(16)	(15)	(14)	(13)	(12)
2007	2017	2006	2016	2006	2015
UK	Netherlands	Switzerland	Canada	France	UK
Retrospective review	Prospective	Prospective	retrospective review	Prospective cross-sectional	Randomized controlled trial
68.2	76	66.2	70	-	70
50% M, 50% F	55% M, 45% F	62% M, 38% F	51% M, 49% F	M & F	67% M, 33% F
-	-	Stable	-	-	-
Anterior & posterior	Anterior	Posterior	Anterior	-	8% A, 92% P
-	Idiopathic 64%	-	-	Non-traumatic epistaxis or	-
8%	68%	56%	61%	Yes	62%
-	-	Less than 4	-	-	-
-	-	-	-	Yes	-
16%	12%	18%	20%	-	-
-	HTN	-	HTN, DM	HTN, Hereditary	HTN, HHT
-	-	-	CAD, Atrial fibrillation	-	Nasal surgery
-	-	-	-	-	-
Nasal packing	Hemostatic nasal plugs	Hot-water irrigation	Silver nitrate	-	Floreal homeostatic
Cautery, ice and pressure	Nasal packing	Nasal packing, surgery - tamponade	Merocel, other	-	Nasal packing
-	15 minutes	10 minutes	-	30 minutes	10 minutes
-	-	Well with no complication	-	-	Well with no complication
17%	-	-	-	28%	70%
-	-	-	-	-	-

(24)	(23)	(22)	(21)	(20)	(19)	(18)
2011	1999	2018	2005	2019	1987	2017
India	America	UK	America	America	Scotland	UK
Prospective case study	Randomized controlled trial	Randomized controlled trial	Randomized controlled trial	Prospective	randomized double blind	prospective clinical
61	66	—	61	71,4	64.8	62
M & F	M & F	M & F	67% M, 33% F	M & F	55% M, 45% F	50% M, 50% F
Normal blood pressure	—	—	—	—	—	Normal BP
Anterior	Posterior	Anterior	Anterior	Anterior	Anterior and	Anterior
Idiopathic	—	—	—	—	—	—
—	—	—	25%	59%	—	—
—	—	—	75%	—	—	—
No	37.5%	—	5%	22%	47.5%	10%
HTN	—	—	HTN, coagulopathy	HTN	HTN	HTN
No	—	—	—	—	Upper respiratory	—
—	—	—	—	—	11.11%	—
Pinching followed by	Hot-water irrigation	Intranasal topical	Rapid rhino nasal tampon	Topical tranexamic	Oral tranexamic	FloSeal hemostatic
Adrenaline or xylometazoline	Tamponade	Nasal packing	Rapid rocket nasal tampon	Topical oxymetazoli	Placebo	Nasal packing
10 minutes	15 minutes	10 minutes	30 minutes	17.9 minutes	—	5 minutes
Well with no complication	—	—	—	—	—	Well with no complication
No	100%	—	—	—	100%	—
No	—	—	—	—	No	—

(25)	2018	Canada	Outcomes research	70	M & F	—	Anterior	—	—	—	8.6%	—	—	—	Floreal treatment	Nasal packing	—	Well with no complication	
(26)	2005	Germany	Prospective randomized	65.3	72.7% M, 27.3% F	—	Unilateral posterior	—	22.7%	—	4.5%	HTN, bleeding	—	—	Pneumatic tamponade	Standard choanal	24 to 30 hours	—	
(27)	2020	United Kingdom	Randomized controlled	70.1	50.4% M, 49.6% F BP=150/86 . PR=83	—	Anterior	—	61%	—	19.4%	—	HTN, DM	IHD, Thromboem	2.8%	Nasal packing	Nasal packing	—	Well with no complication
(28)	2008	China	Randomized comparative	—	M & F	—	—	—	—	—	No	No	—	—	Nasal packing (with	Nasal packing (with Vaseline	—	Well with no complication	

Note. HTN: Hypertension; DM: Diabetes mellitus; COPD: Chronic obstructive pulmonary disease; BP: Blood pressure; PR: Pulse rate; RR: Respiration rate; TXA: Tranexamic acid; CHF: Chronic heart failure; CKD: Chronic kidney disease; HHT: Hereditary hemorrhagic telangiectasia; CAD: Coronary artery disease; INR: International normalized ratio; IHD: Ischemic heart disease; BPH: **Benign** Prostatic hyperplasia; CAG: Coronary angiography; CABG: Coronary artery bypass grafting.

