

SUPPLEMENTARY MATERIALS

Pre-hospital use of hemostatic devices for the control of junctional and abdominal traumatic hemorrhage: A systematic re-view

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Supplementary Materials

Figure S1. Embase search strategy

Figure S2. Medline search strategy

Figure S3. CINAHL search strategy

Table S1. Web of Science search strategy

▼ Search History (21)					View Saved	
#	Searches	Results	Type	Actions	Annotations	
1	exp injury/	2312328	Advanced	Display Results More ▼		Contract
2	exp bleeding/	970513	Advanced	Display Results More ▼		
3	exp exsanguination/	1111	Advanced	Display Results More ▼		
4	(non-compressible adj3 (bleeding or h?emorrhage or exsanguination)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	120	Advanced	Display Results More ▼		
5	1 or 2 or 3 or 4	3047234	Advanced	Display Results More ▼		
6	emergency health service/	104997	Advanced	Display Results More ▼		
7	"out-of-hospital".mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	21818	Advanced	Display Results More ▼		
8	"pre-hospital".mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	8884	Advanced	Display Results More ▼		
9	(ambulance or helicopter).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	24897	Advanced	Display Results More ▼		
10	prehospital.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	18845	Advanced	Display Results More ▼		
11	rescue personnel/	8216	Advanced	Display Results More ▼		
12	paramedic.mp.	4400	Advanced	Display Results More ▼		
13	6 or 7 or 8 or 9 or 10 or 11 or 12	157092	Advanced	Display Results More ▼		
14	h?emostatic device.mp.	170	Advanced	Display Results More ▼		
15	tamponade therap*.mp.	23	Advanced	Display Results More ▼		
16	balloon occlusion/ or aortic occlusion/ or reboa.mp.	5803	Advanced	Display Results More ▼		
17	(junction* adj3 tourniquet).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	70	Advanced	Display Results More ▼		
18	(abdom* adj3 tourniquet).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	32	Advanced	Display Results More ▼		
19	ITClamp.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	23	Advanced	Display Results More ▼		
20	14 or 15 or 16 or 17 or 18 or 19	6088	Advanced	Display Results More ▼		
21	5 and 13 and 20	198	Advanced	Display Results More ▼		

Figure S1. Embase search strategy

▼ Search History (23)					View Saved	
#	Searches	Results	Type	Actions	Annotations	
1	exp "Wounds and Injuries"/	940282	Advanced	Display Results More ▼		Contract
2	exp Hemorrhage/	340712	Advanced	Display Results More ▼		
3	bleeding.mp.	187698	Advanced	Display Results More ▼		
4	(non-compressible adj3 (bleeding or h?emorrhage or exsanguination)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	48	Advanced	Display Results More ▼		
5	1 or 2 or 3 or 4	1334935	Advanced	Display Results More ▼		
6	Emergency Medical Services/	44878	Advanced	Display Results More ▼		
7	"out-of-hospital".mp.	11648	Advanced	Display Results More ▼		
8	exp Emergency Medical Technicians/	5829	Advanced	Display Results More ▼		
9	paramedic.mp.	2441	Advanced	Display Results More ▼		
10	exp Air Ambulances/	2978	Advanced	Display Results More ▼		
11	exp Ambulances/	9133	Advanced	Display Results More ▼		
12	(prehospital or pre-hospital).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	15556	Advanced	Display Results More ▼		
13	6 or 7 or 8 or 9 or 10 or 11 or 12	68024	Advanced	Display Results More ▼		
14	exp Balloon Occlusion/	3797	Advanced	Display Results More ▼		
15	reboa.mp.	300	Advanced	Display Results More ▼		
16	aortic occlusion.mp.	1526	Advanced	Display Results More ▼		
17	h?emostatic device.mp.	87	Advanced	Display Results More ▼		
18	(junction* adj3 tourniquet).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	53	Advanced	Display Results More ▼		
19	(abdom* adj3 tourniquet).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	24	Advanced	Display Results More ▼		
20	ITClamp.mp.	15	Advanced	Display Results More ▼		
21	tamponade therap*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	12	Advanced	Display Results More ▼		
22	14 or 15 or 16 or 17 or 18 or 19 or 20 or 21	5371	Advanced	Display Results More ▼		
23	5 and 13 and 22	88	Advanced	Display Results More ▼		

Figure S2. Medline search strategy

<input type="checkbox"/>	S20	S5 AND S11 AND S19	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (55) View Details Edit
<input type="checkbox"/>	S19	S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (353) View Details Edit
<input type="checkbox"/>	S18	"tamponade therap"	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (214) View Details Edit
<input type="checkbox"/>	S17	"iTClamp"	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (19) View Details Edit
<input type="checkbox"/>	S16	"abdom* n3 tourniquet"	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (5) View Details Edit
<input type="checkbox"/>	S15	"junction* n3 tourniquet"	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (5) View Details Edit
<input type="checkbox"/>	S14	"hemostatic device"	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (2) View Details Edit
<input type="checkbox"/>	S13	"aortic occlusion"	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (219) View Details Edit
<input type="checkbox"/>	S12	"reboa" OR (MH "Balloon Occlusion")	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (457) View Details Edit
<input type="checkbox"/>	S11	S7 OR S8 OR S9 OR S10	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (53,488) View Details Edit
<input type="checkbox"/>	S10	"helicopter or "air ambulance"	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (31) View Details Edit
<input type="checkbox"/>	S9	"emergency healthcare"	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (152) View Details Edit
<input type="checkbox"/>	S8	(MH "Emergency Service")	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (55,541) View Details Edit
<input type="checkbox"/>	S7	"pre-hospital" or "prehospital" or "pre hospital" or "ambulance" or "paramedic" or "out of hospital" OR (MH "Ambulances")	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (37,327) View Details Edit
<input type="checkbox"/>	S6	S1 OR S2 OR S3 OR S4 OR S5	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (409,302) View Details Edit
<input type="checkbox"/>	S5	"non-compressible"	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (55) View Details Edit
<input type="checkbox"/>	S4	"exsanguination"	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (317) View Details Edit
<input type="checkbox"/>	S3	"bleeding"	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (45,777) View Details Edit
<input type="checkbox"/>	S2	(MH "Hemorrhage")	Expanders - Apply equivalent subjects Search modes - BooleanPhrase	View Results (55,192) View Details Edit
<input type="checkbox"/>	S1	(MH "Trauma") OR (MH "Wounds and Injuries")	Expanders - Apply equivalent subjects	View Results (324,882) View Details Edit

Figure S3. CINAHL search strategy

Table S1. Web of Science search strategy

Web of Science
((ALL=(trauma OR wound OR injury OR haemorrhage OR bleeding OR blood loss OR exsanguination OR non-compressible)) AND ALL=("pre-hospital" OR "pre-hospital" OR "pre hospital" OR "out-of-hospital" OR ambulance OR helicopter OR "air ambulance" OR paramedic OR "emergency medical technician" OR "emergency health care" OR "emergency health service")) AND ALL=(REBOA OR "resuscitative endovascular balloon occlusion of the aorta" OR "balloon occlusion" OR "aortic occlusion" OR "aorta occlusion" OR "hemostatic device" OR "tamponade therap*" OR iTClampTM OR "abdominal aortic junctional tourniquet" OR "junction* near/3 tourniquet" OR "abdom* near/3 tourniquet")