

Potentially relevant citations identified
n = 1731

- MEDLINE *n* = 298
- PubMed *n* = 418
- EMBASE *n* = 500
- Web of Science *n* = 500
- Cochrane Library *n* = 11
- Central *n* = 4

Articles identified after duplicates removed *n* = 1224

Titles and abstracts excluded *n* = 1093

- Irrelevant or failed inclusion criteria *n* = 995
- Related or unrelated review article *n* = 98

Articles selected to be read in full
n = 131

Articles excluded *n* = 119

- Review article, comment, or letter *n* = 10
- Wrong patient population *n* = 12
- No risk factors given *n* = 65
- No reported IAH or ACS *n* = 5
- Pediatric patients *n* = 5
- Case study *n* = 2
- Non-English article *n* = 3
- Duplicate data *n* = 12
- Study did not provide patient ages *n* = 3

Articles included in the systematic review and meta-analysis
n = 14

Articles reporting risk factors for IAH
n = 9 (1519 patients)

Articles reporting risk factors for ACS
n = 6 (974 patients)

Demographics <i>n</i> = 6 (629 patients)	Presenting Diagnosis <i>n</i> = 7 (1273 patients)	Disease Severity <i>n</i> = 2 (155 patients)	Shock/Hypotension <i>n</i> = 5 (927 patients)
Metabolic Derangement <i>n</i> = 3 (222 patients)	Respiratory Status <i>n</i> = 2 (646 patients)	Crystalloid Resuscitation <i>n</i> = 4 (345 patients)	Non-crystalloid Resuscitation <i>n</i> = 2 (362 patients)

Demographics <i>n</i> = 5 (522 patients)	Disease Severity <i>n</i> = 2 (141 patients)	Shock/Hypotension <i>n</i> = 1 (188 patients)	Metabolic Derangement <i>n</i> = 3 (277 patients)
Respiratory Status <i>n</i> = 2 (89 patients)	Crystalloid Resuscitation <i>n</i> = 3 (328 patients)	Non-crystalloid Resuscitation <i>n</i> = 2 (640 patients)	