Potentially relevant citations identified

n = 1731

- MEDLINE n = 298
- PubMed n = 418
- EMBASE n = 500
- Web of Science n = 500
- Cochrane Library n = 71
- 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)

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

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

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