References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.

**Search Strategy**

1. exp Diagnostic Imaging/ (2599764)
2. Chest Pain/ (12778)
3. Pulmonary Embolism/ or suspected pulmonary embolism.mp. (38236)
4. Acute Disease/ (210767)
5. 4 and (2 or 3) (3716)
6. 2 and 3 (431)
7. 1 and (5 or 6) (1857)
8. 1 and 3 (13600)
9. 7 or 8 (13949)
10. limit 9 to "all child (0 to 18 years)" (1320)
11. 9 not 10 (12629)
12. limit 11 to (abstracts and english language and humans and yr="2015 -Current") (1236)
13. limit 12 to case reports (322)
14. 12 not 13 (914)
15. remove duplicates from 14 (912)

**Summary**

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