Literature Search Performed on: 04/09/2018
Beginning Date: January 2000
End Date: March 2018
Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search Strategy
1 Radiography, Thoracic/ (29733)
2 chest radiograph$.mp. (19377)
3 (Intensive Care Units/ and Tension Pneumothorax.mp.) or cardiopulmonary ultrasound.mp. (19)
4 critical care/ or intensive care/ (46554)
5 2 and Intensive Care Units/ (248)
6 ultrasound.mp. (211699)
7 2 and 6 (717)
8 1 and 4 (161)
9 (integrated approach and chest x-rays).mp. (1)
10 Lung/dg [Diagnostic Imaging] (22416)
11 pulmonary surgery.mp. (2782)
12 2 and 11 (9)
13 dutch intensive care unit$.mp. (43)
14 2 and 13 (1)
15 Ultrasonography/ (166071)
16 3 or 5 or 7 or 8 (1102)
17 10 and 15 (809)
18 limit 17 to (abstracts and english language and humans and yr="2000 -Current") (391)
19 9 or 12 or 14 or 16 or 18 (1452)
20 (cardiothoracic surgery and cardiac surgery and chest X-ray and lung ultrasound and postoperative pulmonary complications).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (1)
21 (Acute care and Imaging and Ultrasound and Imaging and X-Rays and Ultrasound and X-Rays).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (3)
22 (catheter and critical care and emergency medicine).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (18)
23 *Catheterization, Central Venous/ or Catheterization, Central Venous*.mp. (13842)
24 Critical Illness/ (23366)
25 Pneumothorax/ (15902)
26 23 and 24 and 25 (5)
27 (Chest X-ray and Esophagectomy and Morbidity).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (5)
28 20 or 21 or 22 or 26 or 27 (32)
29 limit 19 to case reports (233)
30 19 not 29 (1219)
31 limit 30 to (abstracts and english language and yr="2000 -Current") (929)
32 limit 31 to "all child (0 to 18 years)" (203)
33 31 not 32 (726)
34 28 or 33 (755)

Summary
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.

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