Literature Search

ACR Appropriateness Criteria®

Imaging of Suspected Intracranial Hypotension

Literature Search Performed on: 11/03/2023

Beginning Date: January 1976

End Date: October 2023

Database: Ovid MEDLINE(R) ALL <1946 to November 02, 2023>

Search Strategy

1 (Intracranial Hypertension/ and Blood Patch, Epidural/) or (Fluid Leaks and intracranial Hypotension).tw. (82)

2 (Subdural Effusion/ and Intracranial Hypertension/) or (Intracranial Hypotension/ and Neuroma, Acoustic/ and Tomography, X-Ray Computed/) (24)

3 ((fluid leaks and intracranial hypotension) or (epidural blood patch and blood volume on efficacy)).tw. (76)

4 (Blood Patch, Epidural/ and headache/ and Magnetic Resonance Angiography/) or (Headache/ and Societies, Medical/ and International Classification of Diseases/) or (Effectiveness of epidural blood patch and dural puncture headache).tw. (9)

5 (Hydrostatic Pressure* and Intracranial Pressure* and Pressure* and posture*).mp. (35)

6 (Gadolinium/ and Gadolinium/ and Injections, Spinal/) or (Post-Dural Puncture and Headache and Surgery Patients).tw. (28)

7 (Spinal Puncture/ and Anesthesia, Spinal/ and Back Pain/) or (Patient Positioning*.mp. and Post-Dural Puncture Headache/) (36)

8 Anesthesia, Spinal/ and Headache/ and Spinal Puncture/ and Blood Patch, Epidural/ (25)

9 (Post-Dural Puncture Headache/ and Spinal Puncture/ and Anesthesia, Spinal/) or (spontaneous intracranial hypotension and cranial cerebrospinal).tw. (45)

10 (pressure headache and (treatment and spontaneous intracranial hypotension)).tw. (9)

11 (clinical outcomes and lateral decubitus).tw. (43)

12 (Arthritis, Infectious/ and Central Nervous System Diseases/) or (brain/ and Intracranial Hypotension/ and Optic Nerve/ and Magnetic Resonance Imaging/) (17)

13 (Cerebrospinal Fluid Leak/ and Myelography/) or (classification system of spontaneous spinal and CSF leaks).tw. (129)

14 ((spinal CSF-venous fistulas and intracranial hypotension) or puncture headache).tw. and risk factors.mp. and clinical features.tw. (5)

15 Intracranial Hypotension/ and Cerebrospinal Fluid*.mp. (872)

16 Tomography, X-Ray Computed/ or Magnetic Resonance Imaging/ (825478)

17 15 and 16 (520)

18 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 17 (875)

19 limit 18 to yr="1976 -Current" (865)

Literature Search Performed on: 10/13/2022

Beginning Date: January 2002

End Date: September 2022

Database: Ovid MEDLINE(R) ALL <1946 to October 12, 2022>

Search Strategy

1 (Post-Dural Puncture Headache/ and (Disease Management/ or Conservative Treatment/)) or (Intracranial Hypotension/ and Tomography, X-Ray Computed/) or (Post-Dural Puncture Headache.mp. and Intracranial Hypotension/) or (Cerebrospinal Fluid Leak/ and Disease Management/) or (Magnetic Resonance Angiography/ and Intracranial Hypotension/) or pressure headache after treatment.tw. or epidural blood patch efficacy.tw. or spontaneous intracranial hypotension.tw. [mp=title, book 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] (1218)

2 limit 1 to (abstracts and english language and humans and yr="2002 -Current") (665)

3 Hypotension/ or spontaneous intracranial/ or orthostatic headache/ or csf-venous fistula/ or dural leak/ or meningeal diverticulum leak/ or hypotension/ or intracranial/ or post dural puncture headache/ or post dural puncture headache/ or epidural blood patch/ or stupor/ or Obtundation/ or dural leak/ or meningeal diverticulum leak/ or rebound headache/ or high CSF pressure headache/ (56223)

4 exp diagnostic imaging/ (2868835)

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5 3 and 4 (9026)
6 limit 3 to (guideline or practice guideline) (76)
7 5 or 6 (9093)
8 limit 7 to (abstracts and english language and humans and yr="2012 -Current") (2259)
9 2 or 8 (2657)
10 limit 9 to "all child (0 to 18 years)" (606)
11 9 not 10 (2051)
12 limit 11 to case reports (1084)
13 11 not 12 (967)
14 intrathecal saline infusion.mp. (12)
15 13 or 14 (979)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	0	0
Literature Search(es)	1689	8
Author Added	5	2
Supporting Docs	1	1
Total		11

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.

1 of the author added references were outside the search date range.