Literature Search

ACR Appropriateness Criteria®

Vision Loss

Literature Search Performed on: 10/03/2024

Beginning Date: January 2003

End Date: September 2024

Database: Ovid MEDLINE(R) ALL <1946 to October 02, 2024>

Search Strategy

1 Optic Neuropathy, Ischemic/ and Optic Disk/ and Magnetic Resonance Imaging/ (18)

2 Sinus Thrombosis, Intracranial/ and Magnetic Resonance Imaging*.mp. and Phlebography*.mp. (76)

3 Vision Disorders/ and Vision, Low*.mp. and Visually Impaired Persons*.mp. (34)

4 Ultrasonography/ and Orbital Fractures/ and Orbit/ (13)

5 Optic Nerve Diseases/ and Optic Nerve Injuries*.mp. and Treatment Outcome/ (17)

6 Brain Ischemia/ and Neuroimaging/ and Stroke/ (261)

7 Orbital Neoplasms/ and Carcinoma, Basal Cell/ and Neoplasm Metastasis.mp. (21)

8 Optic Nerve Neoplasms/ and Diagnosis, Differential/ (161)

9 (Fibrinolytic Therapy and Retinal Artery Occlusion).tw. (13)

10 Eye Neoplasms/ and Magnetic Resonance Imaging/ and Orbital Neoplasms/ (37)

11 (Graves' Eye Disease and Radiological Diagnosis).tw. (1)

12 (Orbital Compartment Syndrome and An Update).tw. (1)

13 (Subarachnoid Hemorrhage* and Vascular Malformations*).mp. and Evidence-Based Medicine/ (1)

14 (Optic Neuritis and Non-arteritic Anterior Optic Neuropathy).tw. (1)

15 Orbital tumours.mp. and tumour-like lesions.tw. (2)

16 (ultrasound examination in ophthalmology or MR imaging of cavernous sinus thrombosis or Chronic polyneuritis in a Rottweiler or imaging of intracranial aneurysms or detecting intracranial aneurysm or Management of Medial Orbital Wall).tw. (52)

17 (Cavernous Sinus/ and Skull/ and Magnetic Resonance Imaging/) or (Eye Infections/ and Ultrasonography/ and Eye Diseases/) (14)

18 (Eye Diseases/ and Eye Injuries/ and Magnetic Resonance Imaging/) or (Diffusion Magnetic Resonance Imaging/ and Orbital Pseudotumor/) or (Diabetes Mellitus, Type 1/ and Diagnosis, Differential/ and Retinal Detachment/) or (Neurosurgical Procedures/ and Retinal Artery Occlusion/ and Disease Management*.mp.) (17)

19 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 15 or 16 or 17 or 18 (739)

20 limit 19 to (abstracts and english language and yr="2003 -Current") (481)

21 ("28495949" or "27010526" or "33958108" or "30978149" or "26518678" or "34794589" or "37236753" or "38823945" or "35286054" or "33983373" or "14762746" or "30763021" or "24002686" or "10406604" or "18936033" or "18842758" or "30115678" or "32154332" or "23470516" or "19029776" or "29404803" or "33677974" or "26258861" or "11545635" or "29563953" or "36799985" or "24103356" or "28887618" or "31939615" or "36830848" or "27218019" or "31806931").mp. (32)

22 20 and 21 (25)

Literature Search Performed on: 11/14/2023

Beginning Date: January 2013

End Date: October 2023

Database: Ovid MEDLINE(R) ALL <1946 to November 10, 2023>

Search Strategy

1 (Orbital Cellulitis or Orbital Pseudotumor or Orbital Myositis or Orbital Diseases).tw. (2359)

2 (Orbital Fractures or Orbital Neoplasms or junctional scotoma).tw. (1173)

3 Orbital Diseases.tw. or Orbit/ (18858)

4 (Vision Disorders or visual loss).tw. (12446)

5 Orbit.tw. and (1 or 2) (701)

6 3 and 4 (195)

7 exp Diagnostic Imaging/ (2934715)

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8 (5 or 6) and 7 (416)

9 (orbital trauma* or (orbital adj3 trauma*) or Orbital injur* or Orbital fracture* or (Orbital adj3 fracture*)).ti. (2421)

10 (Optic Nerve*.tw. and diagnostic imaging/) or Optic Neuritis/dg [Diagnostic Imaging] (439)

11 orbits.tw. and exp Inflammation/dg [Diagnostic Imaging] (10)

12 7 and (Hemianopsia and diagnosis).tw. (149)

13 (Retinal Detachment/ and Choroid Diseases/ and Diagnosis, Differential/) or (Brain/ and Demyelinating Diseases/ and Optic Nerve/ and Magnetic Resonance Imaging/) (42)

14 (Optic Nerve Diseases/ and Visual Fields/ and Diagnosis, Differential/) or (Vision Disorders/ and Retinal Detachment/ and Vitrectomy/) (200)

15 (Eye Injuries or Optic Nerve Injuries or eye diseases or eye neoplasms or eye injuries).tw. and Magnetic Resonance Imaging/ (30)

16 (Eye Injuries/ and orbital fractures/ and Diagnostic Imaging/) or (Arteriovenous Malformations/ and orbit/ and Multimodal Imaging/) or (Stroke/ and visual pathways/ and Hemianopsia/) (19)

17 (Orbital Diseases/ and Inflammation/ and Diagnosis, Differential/) or (Eye Infections, Bacterial/ and Orbital cellulitis/ and Tomography, X-Ray Computed/) (88)

18 Oculomotor Muscles/ and Orbit/ and Orbital Neoplasms/ and (Tomography, X-Ray Computed/ or tomogra$.tw.) (26)

19 Orbital Neoplasms/ and (Tomography, X-Ray Computed/ or tomogra$.tw.) and Hemangioma, Cavernous/ (158)

20 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 (3892)

21 limit 20 to (abstracts and english language and humans and yr="2013 -Current") (1070)

22 limit 21 to "all child (0 to 18 years)" (319)

23 limit 21 to (children or children - focussed) (338)

24 22 or 23 (338)

25 21 not 24 (732)

26 (MS Related Optic Neuritis or Imaging of orbital trauma or Tumor pathology of the orbit or MRI features of demyelinating disease or retrochiasmal visual pathways or hemianopia in stroke or Homonymous hemianopias).tw. (57)

27 ((extraocular muscle injury or traumatic cranial nerve injury or extraocular muscle injury or optic nerve edema) and (CT$ or Computed tomography)).tw. (16)

28 26 or 27 (73)

29 25 or 28 (800)

30 29 not (("case reports" or "clinical conference" or comment or congress or editorial or letter or news).pt. or ("case report" or comment* or editorial or letter or news).ti.) (584)

31 ("consensus development conference" or "practice guideline").pt. or "guidelines as topic"/ or exp consensus/ or exp "practice guidelines as topic"/ or ("appropriate use criteria" or "appropriateness criteria" or "best practice*" or consensus or "expert opinion*" or guidance or guideline* or policy or "position paper*" or "practice bulletin*" or "practice parameter*" or recommended or recommendation* or statement*).ti. (402741)

32 20 and 31 (20)

33 30 or 32 (600)

Summary

Source	#Unique Refs	#Retained Refs
Old bibliography	70	11
Literature Search(es)	624	61
Author Added	11	8
Supporting Docs	4	3
Total		83

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.