**Search Strategy**

1. (Pseudotumor Cerebri/ and Ear Diseases/) or (Phlebography/ and tinnitus/) or (Neuroma, Acoustic/ and Labyrinth Diseases/ and tinnitus/) or (Contrast Media/ and Intracranial Aneurysm/ and Central Nervous System Vascular Malformations/) or (Skull Base Neoplasms/ and Glomus Jugulare/) (50)

2. (Neuroimaging/ and Central Nervous System Vascular Malformations/ and Magnetic Resonance Imaging/) or (Multiple Sclerosis/ and Tinnitus/) (39)

3. (Carotid Arteries/ and tinnitus/) or (Tinnitus/ and pulse/) or (Prospective Studies/ and Central Nervous System Vascular Malformations/ and Magnetic Resonance Angiography/) (87)

4. Magnetic Resonance Imaging/ and Neuroma, Acoustic/ and Ear, Inner/ (166)

5. Intracranial Aneurysm/ and Central Nervous System Vascular Malformations/ (121)

6. (Cerebrovascular Disorders/ and Central Nervous System Vascular Malformations/) or (Imaging in Pulsatile Tinnitus or unilateral venous pulsatile tinnitus).tw. (42)

7. 1 or 2 or 3 or 4 or 5 or 6 (493)

8. limit 7 to (english language and humans) (427)

9. (venous pulsatile tinnitus or Imaging in Pulsatile Tinnitus).tw. (39)

10. 8 or 9 (461)

11. limit 10 to yr="1887 -Current" (461)
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.

### Literature Search

**ACR Appropriateness Criteria®

Tinnitus**

#### Search Strategy

1. Pulsatile tinnitus/ or Tinnitus/ or meniere disease/ (15404)
2. exp diagnostic imaging/ or diagnosis/ (2783367)
3. 1 and 2 (2044)
4. glomus tympanicum/ or glomus jugulare/ or dural arteriovenous fistula/ or objective tinnitus/ or adenomatous tumor/ or sigmoid sinus dehiscence/ or diverticulum/ or vestibular schwannoma/ or idiopathic intracranial hypertension/ or meniere disease/ or spontaneous intracranial hypotension/ or otosclerosis/ or aberrant internal carotid artery.mp. (44677)
5. 1 and 4 (15404)
6. 3 or 5 (15404)
7. limit 6 to (abstracts and english language and humans and yr="2016 -Current") (2014)
8. limit 7 to "all child (0 to 18 years)" (288)
9. 7 not 8 (1726)
10. limit 9 to case reports (141)
11. 9 not 10 (1585)
12. limit 1 to (guideline or practice guideline) (15)
13. limit 12 to english language (11)
14. 11 or 13 (1591)

#### Summary

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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.