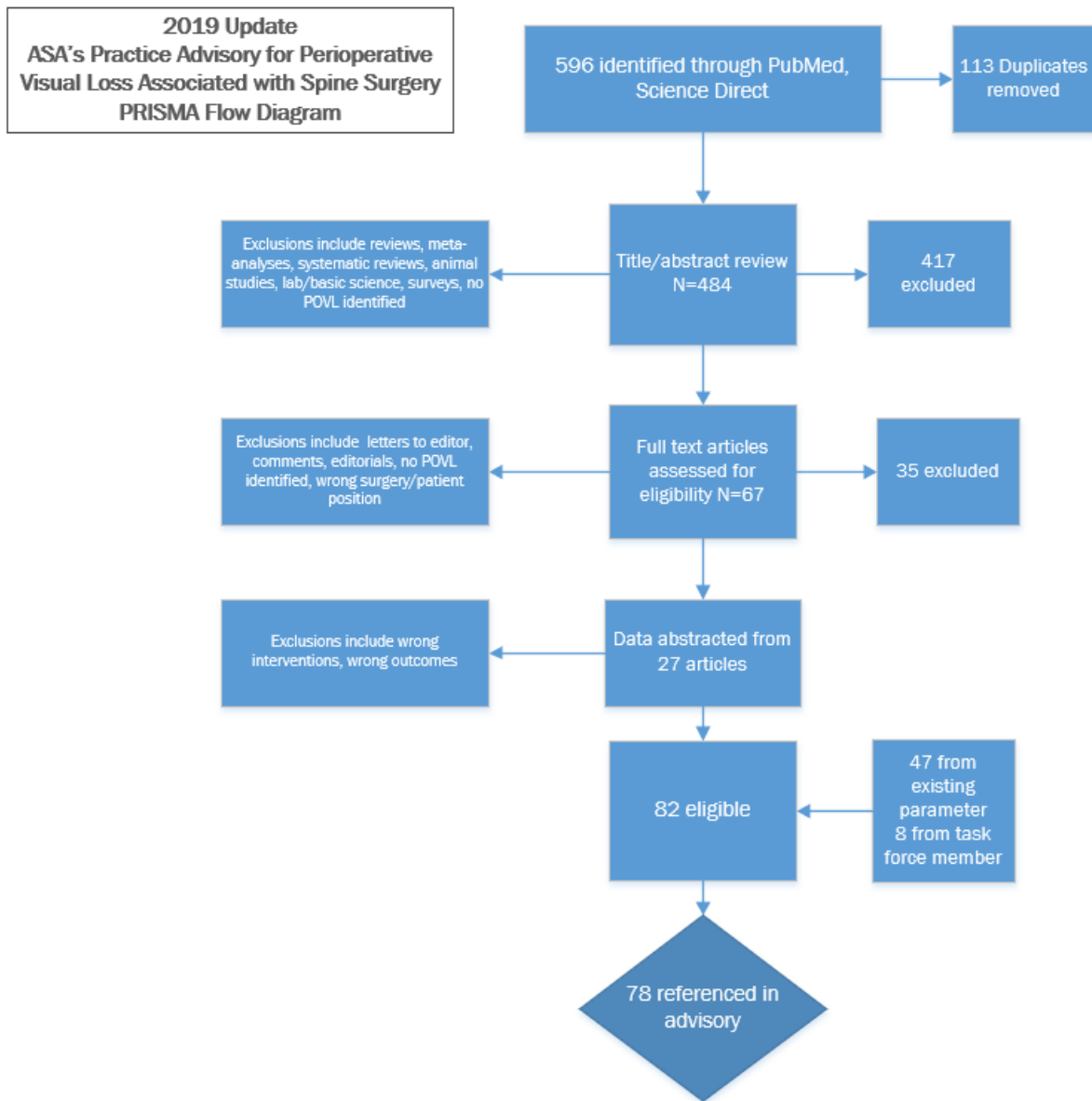


ASA Practice Advisory for Perioperative Visual Loss Associated with Spine Surgery 2019
 Supplement 2 - Literature Search Summary and PRISMA Diagram



Search terms (AND, OR, NOT) and truncation (wildcard characters like *)	<p>Posterior ischemic optic neuropathy[Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>Anterior ischemic optic neuropathy[Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>Central retinal artery occlusion[Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>Perioperative cortical blindness [Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND Humans[Mesh] AND English[lang]</p> <p>Perioperative visual loss [Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>((("Perioperative visual loss "[Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang])) AND "Spine Surgery"[Title/Abstract]) AND "Prone"[Title/Abstract]</p> <p>POVL[Title/Abstract] AND ("2017/06/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>Postoperative visual loss[Title/Abstract] AND ("2017/06/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>(PION[Title/Abstract] AND Surgery[Title/Abstract]) AND Prone[Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>(AION[Title/Abstract] AND Surgery[Title/Abstract]) AND Prone[Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>(ION[Title/Abstract] AND Surgery[Title/Abstract]) AND Prone[Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>(ION[Title/Abstract] AND ("2017/06/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]) AND Spine surgery[Title/Abstract] AND ("2017/06/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>Ophthalmic evaluation[Title/Abstract] AND Surgery[Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>Intraocular Pressure[Title/Abstract] AND Surgery[Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>Optic Nerve[Title/Abstract] AND Surgery[Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>(CRAO[Title/Abstract] AND Surgery[Title/Abstract]) AND Prone[Title/Abstract] AND ("2011/01/01"[PDAT] : "2017/06/01"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>cortical blindness[Title/Abstract] AND ("2017/06/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>(Ophthalmic evaluation[Title/Abstract] AND ("2017/06/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]) AND spine surgery[Text Word] AND ("2017/06/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]</p> <p>((("postoperative period"[MeSH Terms] OR ("postoperative"[All Fields] AND "period"[All Fields]) OR "postoperative period"[All Fields] OR ("post"[All Fields] AND "operative"[All Fields]) OR "post operative"[All Fields]) AND vision loss[Title/Abstract] AND ("2017/06/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]) AND (("spine"[MeSH Terms] OR "spine"[All Fields]) AND sugery[All Fields]) AND ("2017/06/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang])</p>
Databases searched	<i>PubMed, Science Direct, Google Scholar</i>
Part of journals searched	<i>Keywords in abstract, title, and subject headings</i>

Years of search	2011-2018
Language	English Only
Types of studies to be included	All studies found in peer-reviewed journals.
Inclusion criteria	Patients having spine surgery under anesthesia in prone position.
Exclusion criteria	<p>Grey literature, animal studies, age less than 12 years</p> <p>Exclusion Reasons:</p> <ol style="list-style-type: none"> 1. Review, letter, editorial or meta-analysis with no original data 2. Non-English 3. Article or abstract not peer-reviewed 4. Study outside of designated search dates 5. Patients excluded from or not identified by evidence model (e.g. children under 12 years, patients with preoperative visual loss) 6. Interventions excluded from or not identified by evidence model (non-spine surgeries, treatment for spine injuries, surgery comparative study) 7. Outcomes excluded from or not relevant to evidence model (no visual loss outcomes reported) 8. Unable to interpret findings due to data or research design flaws 9. Duplicate data presented in different reviewed articles 10. Animal study 11. Not relevant study design (e.g. quality improvement study, diagnostic study, laboratory study)