**Supplemental Appendix 2.**

**PubMed Search and Embase Search**

((((((((("Buprenorphine"[Mesh] OR "Buprenorphine, Naloxone Drug Combination"[Mesh] OR "Narcotic Antagonists/therapeutic use"[Majr] OR agonist therapies[tiab] OR agonist therapy[tiab] OR agonist treat[tiab] OR agonist treated[tiab] OR agonist treatment[tiab] OR agonist treatments[tiab] OR buprenorfin[tiab] OR buprenorphin[tiab] OR buprenorphine[tiab] OR buprenorphine'[tiab] OR buprenorphine's[tiab] OR buprenorphinehas[tiab] OR buprenorphinehydrochloride[tiab] OR buprenorphinenaloxone[tiab] OR buprenorphinepatch[tiab] OR buprenorphineplacebo[tiab] OR buprenorphines[tiab] OR buprenorphinum[tiab] OR narcotic agonist[tiab] OR narcotic agonists[tiab] OR narcotic antagonist[title] OR narcotic antagonists[title] OR opiate agonist[tiab] OR opiate agonistic[tiab] OR opiate agonists[tiab] OR opioid agonist[tiab] OR opioid agonists[tiab] OR suboxone[tiab] OR subutex[tiab] OR temgesic[tiab])) OR ("Methadone"[Mesh] OR "Opiate Substitution Treatment"[Mesh] OR buprenorphine maintenance [tiab] OR medically assisted rehab\*[tiab] OR medication assisted treatment\*[tiab] OR methadone[tiab] OR opiate maintenance[tiab] OR opiate replacement[tiab] OR opiate substit\*[tiab] OR opioid agonist therap\*[tiab] OR opioid agonist treat\*[tiab] OR opioid maintenance[tiab] OR opioid replacement[tiab] OR opioid substit\*[tiab]))) AND ("Delivery, Obstetric"[Mesh] OR "Cesarean Section"[Mesh] OR "Gynecologic Surgical Procedures"[Majr:NoExp] OR "Peripartum Period"[Mesh] OR "Postnatal Care"[Mesh] OR "Postpartum Period"[Mesh] OR "Pregnancy"[Mesh] OR abdominal deliveries[tiab] OR abdominal delivery[tiab] OR c section[tiab] OR c sections[tiab] OR caesarean[tiab] OR cesarean[tiab] OR child birth[tiab] OR childbirth[tiab] OR obstetric deliver\*[tiab] OR obstetric patient\*[tiab] OR peri partum[tiab] OR peripart\*[tiab] OR post partum\*[tiab] OR postcaesarean[tiab] OR postcesarean[tiab] OR postnatal[tiab] OR postpart\*[tiab] OR vaginal[tiab])) AND ("Pain"[Mesh] OR "Pain Management"[Mesh] OR "Pain Measurement"[Mesh] OR "Pain, Postoperative"[Mesh] OR pain[tw]))) OR ((("Analgesia, Obstetrical"[Mesh] OR "Anesthesia, Obstetrical"[Mesh] OR "Labor Pain"[Mesh] OR parturients[tiab] OR parturients[tiab] OR ((peri-partum[tw] OR peripartum[tw] OR post partum[tw] OR postpartum[tw]) AND (analgesi\*[tw] OR anesth\*[tw] OR anesth\*[tw] OR analgesia[tiab])))) AND ("Opioid-Related Disorders"[Mesh] OR "Substance-Related Disorders"[Mesh] OR addiction[ti] OR addicted[ti] OR addict[ti] OR addicts[ti] OR drug usage[ti] OR drug user\*[ti] OR drug using[ti] OR illicit drug\*[ti] OR illicit opiate\*[ti] OR illicit opioid\*[ti] OR opiate depend\*[ti] OR opiate use[ti] OR opiate usage[ti] OR opioid depend\*[ti] OR opioid use[ti] OR opioid usage[ti] OR substance depend\*[ti] OR substance use[ti]))) OR (((("Delivery, Obstetric"[Mesh] OR "Cesarean Section"[Mesh] OR "Gynecologic Surgical Procedures"[Majr:NoExp] OR "Peripartum Period"[Mesh] OR "Postnatal Care"[Mesh] OR "Postpartum Period"[Mesh] OR "Pregnancy"[Mesh] OR abdominal deliveries[tiab] OR abdominal delivery[tiab] OR c section[tiab] OR c sections[tiab] OR caesarean[tiab] OR cesarean[tiab] OR child birth[tiab] OR childbirth[tiab] OR obstetric deliver\*[tiab] OR obstetric patient\*[tiab] OR peri partum[tiab] OR peripart\*[tiab] OR post partum\*[tiab] OR postcaesarean[tiab] OR postcesarean[tiab] OR postnatal[tiab] OR postpart\*[tiab] OR vaginal[tiab])) AND ("Opioid-Related Disorders"[Mesh] OR "Substance-Related Disorders"[Mesh] OR addiction[ti] OR addicted[ti] OR addict[ti] OR addicts[ti] OR drug usage[ti] OR drug user\*[ti] OR drug using[ti] OR illicit drug\*[ti] OR illicit opiate\*[ti] OR illicit opioid\*[ti] OR opiate depend\*[ti] OR opiate use[ti] OR opiate usage[ti] OR opioid depend\*[ti] OR opioid use[ti] OR opioid usage[ti] OR substance depend\*[ti] OR substance use[ti])) AND ("Anesthesia and Analgesia"[Mesh] OR "Analgesia"[Mesh] OR "Analgesia, Patient-Controlled"[Mesh] OR analges\*[ti] OR anaesth\*[ti] OR anesth\*[ti]))) OR (((("Delivery, Obstetric"[Mesh] OR "Cesarean Section"[Mesh] OR "Gynecologic Surgical Procedures"[Majr:NoExp] OR "Peripartum Period"[Mesh] OR "Postnatal Care"[Mesh] OR "Postpartum Period"[Mesh] OR "Pregnancy"[Mesh] OR abdominal deliveries[tiab] OR abdominal delivery[tiab] OR c section[tiab] OR c sections[tiab] OR caesarean[tiab] OR cesarean[tiab] OR child birth[tiab] OR childbirth[tiab] OR obstetric deliver\*[tiab] OR obstetric patient\*[tiab] OR peri partum[tiab] OR peripart\*[tiab] OR post partum\*[tiab] OR postcaesarean[tiab] OR postcesarean[tiab] OR postnatal[tiab] OR postpart\*[tiab] OR vaginal[tiab])) AND ((((("Buprenorphine"[Mesh] OR "Buprenorphine, Naloxone Drug Combination"[Mesh] OR "Narcotic Antagonists/therapeutic use"[Majr] OR agonist therapies[tiab] OR agonist therapy[tiab] OR agonist treat[tiab] OR agonist treated[tiab] OR agonist treatment[tiab] OR agonist treatments[tiab] OR buprenorfin[tiab] OR buprenorphin[tiab] OR buprenorphine[tiab] OR buprenorphine'[tiab] OR buprenorphine's[tiab] OR buprenorphinehas[tiab] OR buprenorphinehydrochloride[tiab] OR buprenorphinenaloxone[tiab] OR buprenorphinepatch[tiab] OR buprenorphineplacebo[tiab] OR buprenorphines[tiab] OR buprenorphinum[tiab] OR narcotic agonist[tiab] OR narcotic agonists[tiab] OR narcotic antagonist[title] OR narcotic antagonists[title] OR opiate agonist[tiab] OR opiate agonistic[tiab] OR opiate agonists[tiab] OR opioid agonist[tiab] OR opioid agonists[tiab] OR suboxone[tiab] OR subutex[tiab] OR temgesic[tiab])) OR ("Methadone"[Mesh] OR "Opiate Substitution Treatment"[Mesh] OR buprenorphine maintenance [tiab] OR medically assisted rehab\*[tiab] OR medication assisted treatment\*[tiab] OR methadone[tiab] OR opiate maintenance[tiab] OR opiate replacement[tiab] OR opiate substit\*[tiab] OR opioid agonist therap\*[tiab] OR opioid agonist treat\*[tiab] OR opioid maintenance[tiab] OR opioid replacement[tiab] OR opioid substit\*[tiab]))) OR ("Opioid-Related Disorders"[Mesh] OR "Substance-Related Disorders"[Mesh] OR addiction[ti] OR addicted[ti] OR addict[ti] OR addicts[ti] OR drug usage[ti] OR drug user\*[ti] OR drug using[ti] OR illicit drug\*[ti] OR illicit opiate\*[ti] OR illicit opioid\*[ti] OR opiate depend\*[ti] OR opiate use[ti] OR opiate usage[ti] OR opioid depend\*[ti] OR opioid use[ti] OR opioid usage[ti] OR substance depend\*[ti] OR substance use[ti]))) AND ("A A Case Rep"[Journal] OR "A A Pract"[Journal] OR "Acta Anaesthesiol Belg"[Journal] OR "Acta Anaesthesiol Ital"[Journal] OR "Acta Anaesthesiol Scand"[Journal] OR "Acta Anaesthesiol Sin"[Journal] OR "Acta Anaesthesiol Taiwan"[Journal] OR "Adv Anesth"[Journal] OR "Am J Anesthesiol"[Journal] OR "Anaesth Anaesth"[Journal] OR "Anaesth Crit Care Pain Med"[Journal] OR "Anaesth Intensive Care"[Journal] OR "Anaesthesia"[Journal] OR "Anaesthesiol Intensive Ther"[Journal] OR "Anaesth Resusc Intensive Ther"[Journal] OR "Anaesthesist"[Journal] OR "Anest Rianim"[Journal] OR "Anestezjol Intens Ter"[Journal] OR "Anesth Analg"[Journal] OR "Anesth Essays Res"[Journal] OR "Anesth Pain Med"[Journal] OR "Anesth Prog"[Journal] OR "Anesthesiol Case Rep"[Journal] OR "Anesthesiol Clin"[Journal] OR "Anesthesiol Clin North Am"[Journal] OR "Anesthesiol Res Pract"[Journal] OR "Anesthesiol Rev"[Journal] OR "Anesthesiology"[Journal] OR "Ann Card Anaesth"[Journal] OR "Ann Fr Anesth Reanim"[Journal] OR "Asian J Anesthesiol"[Journal] OR "Baillieres Clin Anaesthesiol"[Journal] OR "Best Pract Res Clin Anaesthesiol"[Journal] OR "BMC Anesthesiol"[Journal] OR "Br J Anaesth"[Journal] OR "Braz J Anesthesiol"[Journal] OR "Bull Anesth Hist"[Journal] OR "Can Anaesth Soc J"[Journal] OR "Can J Anaesth"[Journal] OR "Case Rep Anesthesiol"[Journal] OR "Contemp Anesth Pract"[Journal] OR "Crit Care Resusc"[Journal] OR "CRNA"[Journal] OR "Curr Anaesth Crit Care"[Journal] OR "Curr Anesthesiol Rep"[Journal] OR "Curr Opin Anaesthesiol"[Journal] OR "Curr Res Anesth Analg"[Journal] OR "Glob Anesth Perioper Med"[Journal] OR "HSR Proc Intensive Care Cardiovasc Anesth"[Journal] OR "Indian J Anaesth"[Journal] OR "Int Anesthesiol Clin"[Journal] OR "Int J Anesth"[Journal] OR "Int J Anesth Anesth"[Journal] OR "Int J Anesthesiol Res"[Journal] OR "Int J Clin Anesthesiol"[Journal] OR "Int J Obstet Anesth"[Journal] OR "ISRN Anesthesiol"[Journal] OR "J Anaesthesiol Clin Pharmacol"[Journal] OR "J Anesth Clin Res"[Journal] OR "J Anesth Hist"[Journal] OR "J Anesth Perioper Med"[Journal] OR "J Cardiothorac Anesth"[Journal] OR "J Cardiothorac Vasc Anesth"[Journal] OR "J Clin Anesth Pain Manag"[Journal] OR "J Clin Monit Comput"[Journal] OR "J Educ Perioper Med"[Journal] OR "J Natl Analg Soc"[Journal] OR "J Neurosurg Anesthesiol"[Journal] OR "J Perianesth Nurs"[Journal] OR "J Post Anesth Nurs"[Journal] OR "J Rocky Mt Analg Soc"[Journal] OR "JA Clin Rep"[Journal] OR "Korean J Anesthesiol"[Journal] OR "Local Reg Anesth"[Journal] OR "Ma Zui Yu Jian Hu Lun Tan"[Journal] OR "Masui"[Journal] OR "Middle East J Anaesthesiol"[Journal] OR "Nurse Anesth"[Journal] OR "Open J Anesthesiol"[Journal] OR "Paediatr Anaesth"[Journal] OR "Prakt Anaesth"[Journal] OR "Refresh Courses Anesthesiol"[Journal] OR "Reg Anaesth"[Journal] OR "Reg Anesth Pain Med"[Journal] OR "Rev Argent Anest Analg"[Journal] OR "Rev Bras Anestesiol"[Journal] OR "Rev Course Lect"[Journal] OR "Rom J Anaesth Intensive Care"[Journal] OR "SAAD Dig"[Journal] OR "Saudi J Anaesth"[Journal] OR "Semin Anesth"[Journal] OR "Semin Cardiothorac Vasc Anesth"[Journal] OR "SOJ Anesthesiol Pain Manag"[Journal] OR "Tech Reg Anesth Pain Manag"[Journal] OR "Turk J Anaesthesiol Reanim"[Journal]))

**Embase Search History**

|  |  |
| --- | --- |
| #17 | #15 OR #16 |
| #16 | #4 AND #5 AND #8 |
| #15 | #6 OR #9 OR #11 OR #14 |
| #14 | #4 AND #12 AND #13 |
| #13 | 'a and a case reports':jt OR 'acta anaesthesiologica belgica':jt OR 'acta anaesthesiologica italica':jt OR 'acta anaesthesiologica scandinavica':jt OR 'acta anaesthesiologica sinica':jt OR 'acta anaesthesiologica taiwanica':jt OR 'american journal of anesthesiology':jt OR 'anaesthesia critical care and pain medicine':jt OR 'anaesthesia and intensive care':jt OR 'anaesthesia and intensive care medicine'/jt OR 'anaesthesia':jt OR 'anaesthesia, pain and intensive care'/jt OR 'anaesthesiology intensive therapy':jt OR 'anaesthesist':jt OR 'anestesia e rianimazione':jt OR 'anestezjologia intensywna terapia':jt OR 'anesthesia and analgesia':jt OR 'anaesthesia essays and researches':jt OR 'anesthesiology and pain medicine':jt OR 'anesthesia progress':jt OR 'anesthesia and resuscitation'/jt OR 'anesthesiology clinics':jt OR 'anesthesiology clinics of north america':jt OR 'anesthesiology research and practice':jt OR 'anesthesiology review':jt OR 'anesthesiology':jt OR 'annals of cardiac anaesthesia':jt OR 09503501:is OR 15216896:is OR 'bmc anesthesiology':jt OR 'british journal of anaesthesia':jt OR 'brazilian journal of anesthesiology':jt OR 'canadian journal of anesthesia':jt OR 'crna':jt OR 'current opinion in anaesthesiology':jt OR 'current researches in anesthesia & analgesia':jt OR 'hsr proceedings in intensive care and cardiovascular anesthesia'/jt OR 'indian journal of anaesthesia':jt OR 'international anesthesiology clinics':jt OR 'international journal of obstetric anesthesia':jt OR 'journal of anesthesia'/jt OR 'journal of anaesthesiology clinical pharmacology':jt OR 'journal of cardiothoracic anesthesia':jt OR 'journal of cardiothoracic and vascular anesthesia':jt OR 'journal of clinical anesthesia'/jt OR 'journal of clinical monitoring and computing':jt OR 'journal of neurosurgical anesthesiology':jt OR 'ja clinical reports':jt OR 'korean journal of anesthesiology':jt OR 'local and regional anesthesia':jt OR 'minerva anestesiologica'/jt OR 'open anesthesiology journal'/jt OR 'paediatric anaesthesia':jt OR 'progress in anesthesiology'/jt OR 'regional anesthesia and pain medicine':jt OR 'romanian journal of anaesthesia and intensive care':jt OR 'saudi journal of anaesthesia':jt OR 'seminars in anesthesia':jt OR 'seminars in anesthesia, perioperative medicine and pain'/jt OR 'seminars in cardiothoracic and vascular anesthesia':jt OR 'southern african journal of anaesthesia and analgesia'/jt OR 'techniques in regional anesthesia and pain management':jt OR 'trends in anaesthesia and critical care'/jt OR 'update in anaesthesia'/jt |
| #12 | #3 OR #8 |
| #11 | #4 AND #8 AND #10 |
| #10 | 'anesthesia'/exp OR 'analgesia'/exp OR analges\*:ti OR anaesth\*:ti OR anesth\*:ti |
| #9 | #7 AND #8 |
| #8 | 'narcotic dependence'/exp OR addiction:ti OR addicted:ti OR addict:ti OR addicts:ti OR 'drug usage':ti OR 'drug user\*':ti OR 'drug using':ti OR 'illicit drug\*':ti OR 'illicit opiate\*':ti OR 'illicit opioid\*':ti OR 'opiate depend\*':ti OR 'opiate use':ti OR 'opiate usage':ti OR 'opioid depend\*':ti OR 'opioid use':ti OR 'opioid usage':ti OR 'substance depend\*':ti OR 'substance use':ti |
| #7 | 'obstetric analgesia'/de OR 'obstetric anesthesia'/de OR 'labor pain'/de OR parturient:ab,kw,ti OR parturients:ab,kw,ti OR ((('peri partum':ab,kw,ti OR peripartum:ab,kw,ti OR post) AND partum:ab,kw,ti OR postpartum:ab,kw,ti) AND (analgesi\*:ab,kw,ti OR anesth\*:ab,kw,ti)) |
| #6 | #3 AND #4 AND #5 |
| #5 | 'pain'/de OR 'analgesia'/de OR 'pain measurement'/exp OR 'postoperative pain'/de OR pain:ab,kw,ti,jt |
| #4 | 'obstetric delivery'/de OR 'cesarean section'/de OR 'gynecologic surgery'/mj OR 'perinatal period'/de OR 'postnatal care'/de OR 'puerperium'/de OR 'pregnancy'/de OR 'abdominal deliveries':ab,ti OR 'abdominal delivery':ab,ti OR 'c section':ab,ti OR 'c sections':ab,ti OR caesarean:ab,ti OR cesarean:ab,ti OR 'child birth':ab,ti OR childbirth:ab,ti OR 'obstetric deliver\*':ab,ti OR 'obstetric patient\*':ab,ti OR 'peri partum':ab,ti OR peripart\*:ab,ti OR 'post partum\*':ab,ti OR postcaesarean:ab,ti OR postcesarean:ab,ti OR postnatal:ab,ti OR postpart\*:ab,ti OR vaginal:ab,ti OR puerperium:ab,ti |
| #3 | #1 OR #2 |
| #2 | 'methadone'/de OR 'opiate substitution treatment'/de OR 'medication assisted treatment'/de OR 'opioid maintenance treatment'/de OR 'buprenorphine maintenance':ab,ti OR 'medically assisted rehab\*':ab,ti OR 'medication assisted treatment\*':ab,ti OR methadone:ab,ti OR 'opiate maintenance':ab,ti OR 'opiate replacement':ab,ti OR 'opiate substit\*':ab,ti OR 'opioid agonist therap\*':ab,ti OR 'opioid agonist treat\*':ab,ti OR 'opioid maintenance':ab,ti OR 'opioid replacement':ab,ti OR 'opioid substit\*':ab,ti |
| #1 | 'buprenorphine'/de OR 'buprenorphine plus naloxone'/de OR 'narcotic antagonist'/mj OR 'agonist therapies':ab,ti OR 'agonist therapy':ab,ti OR 'agonist treat':ab,ti OR 'agonist treated':ab,ti OR 'agonist treatment':ab,ti OR 'agonist treatments':ab,ti OR buprenorfin:ab,ti OR buprenorphine\*:ti,ab OR 'narcotic agonist':ti,ab OR 'narcotic agonists':ti,ab OR 'narcotic antagonist':ti OR 'narcotic antagonists':ti OR 'opiate agonist':ti,ab OR 'opiate agonistic':ti,ab OR 'opiate agonists':ti,ab OR 'opioid agonist':ti,ab OR 'opioid agonists':ti,ab OR suboxone:ti,ab OR subutex:ti,ab OR temgesic:ti,ab |