

|  |  |
| --- | --- |
| Search terms (AND, OR, NOT) and truncation (wildcard characters like \*) | Complete search strategy detailed below. |
| Databases searched | *PubMed, EMBASE, Google Scholar* |
| Part of journals searched | *Keywords in abstract, title, and subject headings* |
| Years of search | *2002-May 2017* |
| Language | *No language restrictions* |
| Types of studies to be included | *No restrictions* |
| Inclusion criteria | *Sedated patients* |
| Exclusion criteria | *Grey literature, animal studies, lab/basic sciences, general anesthesia, deep sedation, anxiolysis, critical care, palliative care, post-operative analgesia, pain management* |

Terms and limits used to generate the search is detailed below for the three databases.

* PubMed database search was limited to Systematic Reviews; Randomized Controlled Trial; Meta-Analysis; Guideline; Evaluation Studies; Controlled Clinical Trial; Comparative Study; Clinical Trial; Clinical Study; Case Reports; Multicenter Study; Observational Study; Pragmatic Clinical Trial. Publication date from 2002/01/01 to 2017/12/31.
* Embase database search was limited to 2002 to current, with Publication types: "journal articles", "conference abstracts", and "conference papers."
* Google Scholar search was limited to 2002 to 2017 excluding patents and citations.

**Pre-sedation Evaluation**

*PubMed*

Search Statement: ((sedation[Title] OR "moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "procedural sedation"[Title/Abstract] OR "monitored anesthesia care"[Title/Abstract] OR "mild sedation"[Title/Abstract] OR "Conscious Sedation"[Mesh] OR sedoanalgesia[Title/Abstract])) AND ("pre-procedural patient evaluation"[Title/Abstract] OR "pre-procedural evaluation"[Title/Abstract] OR"pre-procedural consultation" OR "preprocedural patient evaluation"[Title/Abstract] OR "patient evaluation"[Title/Abstract] OR "patient assessment"[Title/Abstract] OR "physical exam"[Title/Abstract] OR "physical examination"[Title/Abstract] OR "pre-procedural preparation"[Title/Abstract] OR "preprocedural preparation"[Title/Abstract] OR "pre-sedation preparation"[Title/Abstract] OR "procedural preparation"[Title/Abstract] OR "laboratory testing"[Title/Abstract] OR "laboratory work"[Title/Abstract] OR "laboratory tests"[Title/Abstract] OR "lab work"[Title/Abstract] OR "lab results"[Title/Abstract] OR "patient history"[Title/Abstract] OR "medical histoy"[Title/Abstract] OR "chronic disease"[Title/Abstract] OR "chronic illness"[Title/Abstract] OR comorbidity[Title/Abstract] OR obese[Title/Abstract] OR obesity[Title/Abstract] OR "sleep apnea"[Title/Abstract] OR "COPD"[Title/Abstract] OR "patient preparation"[Title/Abstract] OR "Preoperative Care"[Majr:NoExp] OR "Patient Education as Topic"[Mesh:NoExp] OR "preprocedure teaching"[Title/Abstract] OR "pre-procedure patient"[Title/Abstract] OR "preprocedure patient"[Title/Abstract])

*EMBASE:*

Search statement 1: sedation OR "moderate sedation" OR "conscious sedation" OR "procedural sedation" OR "monitored anesthesia care" OR "mild sedation" OR "conscious sedation" OR sedoanalgesia [searched title and subject heading fields]

‘ANDed With’

Search statement 2: "pre-procedural patient evaluation" OR "pre-procedural evaluation" OR "pre-procedural consultation" OR "pre-sedation patient evaluation" OR "presedation patient evaluation" OR "presedation evaluation" OR "pre-sedation evaluation" OR "preprocedural patient evaluation" OR "patient evaluation" OR "patient assessment" OR "physical exam" OR "physical examination" OR "pre-procedural preparation" OR "preprocedural preparation" OR "pre-sedation preparation" OR "procedural preparation" OR "laboratory testing" OR "laboratory work" OR "laboratory tests" OR "lab work" OR "lab results" OR "patient history" OR "medical histoy" OR "chronic disease" OR "chronic illness" OR comorbidity OR obese OR obesity OR "sleep apnea" OR "COPD" OR "medication list" OR "patient medications" OR "allergies" OR "patient preparation" OR "Preoperative Care" OR "Patient Education as Topic" OR "preprocedure teaching" OR "pre-procedure patient" OR "preprocedure patient" {searched title and abstract fields]

*Google Scholar:*

“Pre sedation evaluation”, “pre sedation assessment” [where my words occur anywhere in the article]

**Level of Consciousness Monitoring**

*PubMed:*

Search statement: ("Observer Alertness of Sedation Scale"[Title/Abstract] OR OASS[Title/Abstract] OR "Observer's Assessment of Alertness/Sedation"[Title/Abstract] OR MOAA/S[Title/Abstract] OR OAA/S[Title/Abstract] OR "observational sedation scale"[Title/Abstract] OR "assessment of alertness/sedation"[Title/Abstract] OR "sedation scale"[Title/Abstract] OR "sedation scales"[Title/Abstract] OR "assessment of alertness"[Title/Abstract] OR "assessment of sedation"[Title/Abstract] OR "anesthetic depth"[Title/Abstract] OR "anaesthetic depth"[Title/Abstract] OR "depth of sedation"[Title/Abstract] OR "level of alertness"[Title/Abstract] OR "sedation level"[Title/Abstract] OR "level of sedation"[Title/Abstract] OR "over sedation"[Title/Abstract] OR oversedation[Title/Abstract] OR "patient responsiveness"[Title/Abstract]) AND (sedation[Title] OR sedated[Title] OR sedate[Title] OR sedating[Title] OR sedoanalgesia[Title] OR sedative[Title] OR sedatives[Title] OR analgosedated[Title] OR "monitored anesthesia care"[Title] OR midazolam[Title] OR dexmedetomidine[Title] OR propofol[Title] OR ketamine[Title] OR flumazenil[Title] OR "chloral hydrate"[Title] OR "nitrous oxide"[Title] OR diazepam[Title] OR remimazolam[Title] OR phenothiazine[Title] OR Ketofol[Title])

*EMBASE:*

Search:

*Sedation concept (Limited to title field)*

sedation OR sedated OR sedate OR sedating OR sedoanalgesia OR sedative OR sedatives OR analgosedated OR "monitored anesthesia care" OR midazolam OR dexmedetomidine OR propofol OR ketamine OR flumazenil OR "chloral hydrate" OR "nitrous oxide" OR diazepam OR remimazolam OR phenothiazine OR Ketofol

AND’ed with

*Level of Consciousness Concept (limited to title and abstract fields)*

"Observer Alertness of Sedation Scale" OR OASS OR "Observer's Assessment of Alertness/Sedation" OR "observational sedation scale" OR "assessment of alertness/sedation" OR "sedation scale" OR "sedation scales" OR "assessment of alertness" OR "assessment of sedation" OR "anesthetic depth" OR "anaesthetic depth" OR "depth of sedation" OR "level of alertness" OR "sedation level" OR "level of sedation" OR "over sedation" OR oversedation OR "patient responsiveness"

AND’ed with

*Procedural concept (limited to title and abstract fields)*

"moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

**Other Sedation Monitoring**

*PubMed:*

Search Statement: ("chest auscultation"[Title/Abstract] OR hypoventilation [Title/Abstract] OR "visual inspection"[Title/Abstract] OR apnea[Title/Abstract] OR "airway obstruction"[Title/Abstract] OR "auscultation of breath sounds"[Title/Abstract] OR "ventilatory changes"[Title/Abstract] OR "visual assessment"[Title/Abstract] OR hypoxemia[Title/Abstract] OR "ventilatory activity"[Title/Abstract] OR "respiratory rate"[Title/Abstract] OR respiration[Title/Abstract] OR respirations[Title/Abstract] OR ventilation[Title/Abstract] OR "carbon dioxide"[Title/Abstract] OR hypoventilation[Title/Abstract] OR "visual inspection"[Title/Abstract] OR apnea[Title/Abstract] OR "airway obstruction"[Title/Abstract] OR "auscultation of breath sounds"[Title/Abstract] OR capnography[Title/Abstract] OR capnographic[Title/Abstract] OR capnometer[Title/Abstract] OR "end-tidal CO2"[Title/Abstract] OR ETCO2[Title/Abstract] OR plethysmography[Title/Abstract] OR plethysmographic[Title/Abstract] OR oxygenation[Title/Abstract] OR oximetry[Title/Abstract] OR "oxygen saturation"[Title/Abstract] OR desaturation[Title/Abstract] OR desaturations[Title/Abstract] OR "arterial saturation"[Title/Abstract] OR "heart rate"[Title/Abstract] OR bradycardia[Title/Abstract] OR tachycardia[Title/Abstract] OR electrocardiography[Title/Abstract] OR electrocardiographic[Title/Abstract] OR electrocardiogram[Title/Abstract] OR hemodynamic[Title/Abstract] OR "cardiac electrophysiologic"[Title/Abstract] OR cardiorespiratory[Title/Abstract] OR ECG[Title/Abstract] OR ECGs[Title/Abstract] OR "blood pressure"[Title/Abstract] OR "arterial pressure"[Title/Abstract] OR hypotension[Title/Abstract]) AND (sedation[Title] OR sedated[Title] OR sedate[Title] OR sedating[Title] OR sedoanalgesia[Title] OR sedative[Title] OR sedatives[Title] OR analgosedated[Title] OR "monitored anesthesia care"[Title] OR midazolam[Title] OR dexmedetomidine[Title] OR propofol[Title] OR ketamine[Title] OR flumazenil[Title] OR "chloral hydrate"[Title] OR "nitrous oxide"[Title] OR diazepam[Title] OR remimazolam[Title] OR phenothiazine[Title] OR Ketofol[Title]) AND ("moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "moderate conscious sedation"[Title/Abstract] OR procedure[Title/Abstract] OR procedures[Title/Abstract] OR procedural[Title/Abstract] OR imaging[Title/Abstract] OR endoscopy[Title/Abstract] OR endoscopic[Title/Abstract] OR colonoscopy[Title/Abstract] OR MRI[Title/Abstract] OR ERCP[Title/Abstract] OR EGD[Title/Abstract] OR "cholangiography"[Title/Abstract] OR cholangiopancreatography[Title/Abstract] OR esophagogastroduodenoscopy[Title/Abstract] OR panendoscopy[Title/Abstract] OR gastroscopy[Title/Abstract] OR ureteroscopy[Title/Abstract] OR cystoscopy[Title/Abstract] OR bronchoscopy[Title/Abstract] OR peritoneoscopy[Title/Abstract] OR catheterization[Title/Abstract] OR "pediatric radiology"[Title/Abstract] OR "paediatric radiology"[Title/Abstract] OR dental[Title/Abstract] OR dentistry[Title/Abstract] OR "oral surgery"[Title/Abstract] OR "dentoalveolar surgery"[Title/Abstract] OR "molar surgery"[Title/Abstract] OR "maxillofacial surgery"[Title/Abstract] OR "periodontal surgery"[Title/Abstract] OR "cataract surgery"[Title/Abstract] OR "ocular surgery"[Title/Abstract] OR "eye surgery"[Title/Abstract] OR ophthalmologist[Title/Abstract] OR "plastic surgery"[Title/Abstract] OR interventional[Title/Abstract] OR peri-interventional[Title/Abstract] OR outpatient[Title/Abstract] OR outpatients[Title/Abstract] OR "out-patients"[Title/Abstract] OR "out patient"[Title/Abstract] OR ambulatory[Title/Abstract] OR "day-hospital"[Title/Abstract] OR "day-case"[Title/Abstract] OR "day case"[Title/Abstract] OR "office surgery"[Title/Abstract] OR trabeculectomy[Title/Abstract] OR biopsy[Title/Abstract] OR "emergency department"[Title/Abstract] OR "emergency room"[Title/Abstract] OR nonanesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologists[Title/Abstract] OR non-anaesthetist[Title/Abstract] OR nonanaesthetist[Title/Abstract] OR non-anaesthetists[Title/Abstract] OR "nurse-administered"[Title/Abstract] OR "nurse administered"[Title/Abstract] OR electrocardioversion[Title/Abstract] OR cardiologist[Title/Abstract] OR cardioversion[Title/Abstract] OR echocardiography[Title/Abstract] OR podiatrist[Title/Abstract] OR "evoked auditory"[Title/Abstract] OR electrophysiology[Title/Abstract])

*EMBASE:*

*Sedation concept (Limited to title field)*

sedation OR sedated OR sedate OR sedating OR sedoanalgesia OR sedative OR sedatives OR analgosedated OR "monitored anesthesia care" OR midazolam OR dexmedetomidine OR propofol OR ketamine OR flumazenil OR "chloral hydrate" OR "nitrous oxide" OR diazepam OR remimazolam OR phenothiazine OR Ketofol

AND’ed with

*Monitoring Concept*

"chest auscultation" OR hypoventilation  OR "visual inspection" OR apnea OR "airway obstruction" OR "auscultation of breath sounds" OR "ventilatory changes" OR "visual assessment" OR hypoxemia OR "ventilatory activity" OR "respiratory rate" OR respiration OR respirations OR ventilation OR "carbon dioxide" OR hypoventilation OR "visual inspection" OR apnea OR "airway obstruction" OR "auscultation of breath sounds" OR capnography OR capnographic OR capnometer OR "end-tidal CO2" OR ETCO2 OR plethysmography OR plethysmographic OR oxygenation OR oximetry OR "oxygen saturation" OR desaturation OR desaturations OR "arterial saturation" OR "heart rate" OR bradycardia OR tachycardia OR electrocardiography OR electrocardiographic OR electrocardiogram OR hemodynamic OR "cardiac electrophysiologic" OR cardiorespiratory OR ECG OR ECGs OR "blood pressure" OR "arterial pressure" OR hypotension

AND’ed with

*Procedural concept (limited to title and abstract fields)*

"moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

Limits: human and yr="2002 -Current" AND (article or conference abstract or conference paper) AND (clinical trial OR randomized controlled trial OR controlled clinical trial OR multicenter study)

*Google Scholar:*

“moderate sedation monitoring”, “procedural sedation monitoring”, “conscious sedation monitoring”, “capnography”, “capnometry”, “pulse oximetry”, “ETCO2”, “capnometer”, “plethysmography”, “end-tidal CO2” [where my words occur anywhere in the article]

**Dedicated Individual for Sedation Monitoring**

*PubMed:*

Search Statement: ("dedicated individual"[Title/Abstract] OR "dedicated staff"[Title/Abstract] OR "dedicated nurse"[Title/Abstract] OR "nurse dedicated"[Title/Abstract] OR "nurse administered"[Title/Abstract] OR "nurse-administered"[Title/Abstract] OR "nurse monitored"[Title/Abstract] "nurse monitoring"[Title/Abstract] OR (nurse[Title/Abstract] AND administration[Title/Abstract])) AND (sedation[Title] OR sedated[Title] OR sedate[Title] OR sedating[Title] OR sedoanalgesia[Title] OR sedative[Title] OR sedatives[Title] OR analgosedated[Title] OR "monitored anesthesia care"[Title] OR midazolam[Title] OR dexmedetomidine[Title] OR propofol[Title] OR ketamine[Title] OR flumazenil[Title] OR "chloral hydrate"[Title] OR "nitrous oxide"[Title] OR diazepam[Title] OR remimazolam[Title] OR phenothiazine[Title] OR Ketofol[Title]) AND ("moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology)

*EMBASE:*

Search:

"dedicated individual" OR "dedicated staff" OR "dedicated nurse" OR "nurse dedicated" OR "dedicated professional" OR "professional dedicated" OR "nurse administered" OR "nurse monitored" OR "nurse monitoring"

AND’ed with

sedation OR sedated OR sedate OR sedating OR sedoanalgesia OR sedative OR sedatives OR analgosedated OR "monitored anesthesia care" OR midazolam OR dexmedetomidine OR propofol OR ketamine OR flumazenil OR "chloral hydrate" OR "nitrous oxide" OR diazepam OR remimazolam OR phenothiazine OR Ketofol

AND’ed with

"moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

**Emergency Support**

*PubMed:*

Search Statement: ("resuscitation equipment"[Title/Abstract] OR "Advanced Life Support"[Title/Abstract] OR ACLS[Title/Abstract] OR "Basic Life Support"[Title/Abstract] OR "advanced life-support"[Title/Abstract] OR BLS[Title/Abstract] OR "emergency preparedness"[Title/Abstract] OR "emergency readiness"[Title/Abstract] OR "emergency airways"[Title/Abstract] OR "airway placement"[Title/Abstract] OR airways[Title/Abstract] OR "emergency intubation"[Title/Abstract] OR "intubation equipment"[Title/Abstract] OR "automated external defibrillators"[Title/Abstract] OR "nasopharyngeal tube"[Title/Abstract] OR "bag valve mask"[Title/Abstract] OR "bag-valve-mask"[Title/Abstract] OR "laryngeal mask airway"[Title/Abstract] OR "emergency drugs"[Title/Abstract] OR "medical emergencies"[Title/Abstract] OR "reversal agents"[Title/Abstract] OR "emergency treatment"[Title/Abstract] OR "medical emergencies"[Title/Abstract] OR "positive pressure ventilation"[Title/Abstract] OR "positive-pressure ventilation"[Title/Abstract] OR "emergency supplies"[Title/Abstract] OR "emergency equipment"[Title/Abstract]) AND (sedation[Title] OR sedated[Title] OR sedate[Title] OR sedating[Title] OR sedoanalgesia[Title] OR sedative[Title] OR sedatives[Title] OR analgosedated[Title] OR "monitored anesthesia care"[Title] OR midazolam[Title] OR dexmedetomidine[Title] OR propofol[Title] OR ketamine[Title] OR flumazenil[Title] OR "chloral hydrate"[Title] OR "nitrous oxide"[Title] OR diazepam[Title] OR remimazolam[Title] OR phenothiazine[Title] OR Ketofol[Title]) AND ("moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "moderate conscious sedation"[Title/Abstract] OR procedure[Title/Abstract] OR procedures[Title/Abstract] OR procedural[Title/Abstract] OR imaging[Title/Abstract] OR endoscopy[Title/Abstract] OR endoscopic[Title/Abstract] OR colonoscopy[Title/Abstract] OR MRI[Title/Abstract] OR ERCP[Title/Abstract] OR EGD[Title/Abstract] OR "cholangiography"[Title/Abstract] OR cholangiopancreatography[Title/Abstract] OR ERCP OR esophagogastroduodenoscopy[Title/Abstract] OR panendoscopy[Title/Abstract] OR gastroscopy[Title/Abstract] OR ureteroscopy[Title/Abstract] OR cystoscopy[Title/Abstract] OR bronchoscopy[Title/Abstract] OR peritoneoscopy[Title/Abstract] OR catheterization[Title/Abstract] OR "pediatric radiology"[Title/Abstract] OR "paediatric radiology"[Title/Abstract] OR dental[Title/Abstract] OR dentistry[Title/Abstract] OR "oral surgery"[Title/Abstract] OR "dentoalveolar surgery"[Title/Abstract] OR "molar surgery"[Title/Abstract] OR "maxillofacial surgery"[Title/Abstract] OR "periodontal surgery"[Title/Abstract] OR "cataract surgery"[Title/Abstract] OR "ocular surgery"[Title/Abstract] OR "eye surgery"[Title/Abstract] OR ophthalmologist[Title/Abstract] OR "plastic surgery"[Title/Abstract] OR interventional[Title/Abstract] OR peri-interventional[Title/Abstract] OR outpatient[Title/Abstract] OR outpatients[Title/Abstract] OR "out-patients"[Title/Abstract] OR "out patient"[Title/Abstract] OR ambulatory[Title/Abstract] OR "day-hospital"[Title/Abstract] OR "day-case"[Title/Abstract] OR "day case"[Title/Abstract] OR "office surgery"[Title/Abstract] OR trabeculectomy[Title/Abstract] OR biopsy[Title/Abstract] OR "emergency department"[Title/Abstract] OR "emergency room"[Title/Abstract] OR nonanesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologists[Title/Abstract] OR non-anaesthetist[Title/Abstract] OR nonanaesthetist[Title/Abstract] OR non-anaesthetists[Title/Abstract] OR "nurse-administered"[Title/Abstract] OR "nurse administered"[Title/Abstract] OR electrocardioversion[Title/Abstract] OR cardiologist[Title/Abstract] OR cardioversion[Title/Abstract] OR echocardiography[Title/Abstract] OR podiatrist[Title/Abstract] OR "evoked auditory"[Title/Abstract] OR electrophysiology[Title/Abstract])

*EMBASE:*

*Emergency Support Concept terms limited t title and abstract fields*

"resuscitation equipment" OR "Advanced Life Support" OR ACLS OR "Basic Life Support" OR "advanced life-support" OR BLS OR "emergency preparedness" OR "emergency readiness" OR "emergency airways" OR "airway placement" OR airways OR "emergency intubation" OR "intubation equipment" OR "automated external defibrillators" OR "nasopharyngeal tube" OR "bag valve mask" OR "bag-valve-mask" OR "laryngeal mask airway" OR "emergency drugs" OR "medical emergencies" OR "reversal agents" OR "emergency treatment" OR "medical emergencies" OR "positive pressure ventilation" OR "positive-pressure ventilation" OR "emergency supplies" OR "emergency equipment"

AND'ed With

*Sedation Concept terms limited to title*

sedation OR sedated OR sedate OR sedating OR sedoanalgesia OR sedative OR sedatives OR analgosedated OR "monitored anesthesia care" OR midazolam OR dexmedetomidine OR propofol OR ketamine OR flumazeni OR "chloral hydrate" OR "nitrous oxide" OR diazepam OR remimazolam OR phenothiazine OR Ketofol

AND'ed With

*Moderate Sedation Concept terms limited to title and abstract fields*

"moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR ERCP OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

**Intravenous Access**

*PubMed:*

Search Statement: ("intravenous access"[Title/Abstract] OR "IV access"[Title/Abstract] OR "venous access"[Title/Abstract]) AND (sedation[Title] OR sedated[Title] OR sedate[Title] OR sedating[Title] OR sedoanalgesia[Title] OR sedative[Title] OR sedatives[Title] OR analgosedated[Title] OR "monitored anesthesia care"[Title] OR midazolam[Title] OR dexmedetomidine[Title] OR propofol[Title] OR ketamine[Title] OR flumazenil[Title] OR "chloral hydrate"[Title] OR "nitrous oxide"[Title] OR diazepam[Title] OR remimazolam[Title] OR phenothiazine[Title] OR Ketofol[Title])

*EMBASE:*

*IV Access Concept terms searched in title and abstract fields*

"intravenous access" OR "IV access" OR "venous access"

AND'ed With

*Sedation Concept terms searched title field*

sedation OR sedated OR sedate OR sedating OR sedoanalgesia OR sedative OR sedatives OR analgosedated OR "monitored anesthesia care" OR midazolam OR dexmedetomidine OR propofol OR ketamine OR flumazeni OR "chloral hydrate" OR "nitrous oxide" OR diazepam OR remimazolam OR phenothiazine OR Ketofol

**Supplemental Oxygen**

*PubMed:*

Search Statement: ("supplemental oxygen"[Title/Abstract] OR "nasal cannula"[Title/Abstract] OR "high-flow cannula"[Title/Abstract] OR "face mask"[Title/Abstract] OR "oxygen administration"[Title/Abstract]) AND (sedation[Title] OR sedated[Title] OR sedate[Title] OR sedating[Title] OR sedoanalgesia[Title] OR sedative[Title] OR sedatives[Title] OR analgosedated[Title] OR "monitored anesthesia care"[Title] OR midazolam[Title] OR dexmedetomidine[Title] OR propofol[Title] OR ketamine[Title] OR flumazenil[Title] OR "chloral hydrate"[Title] OR "nitrous oxide"[Title] OR diazepam[Title] OR remimazolam[Title] OR phenothiazine[Title] OR Ketofol[Title])

*EMBASE:*

*Supplemental Oxygen Concept terms searched in title and abstract fields*

"supplemental oxygen" OR "nasal cannula" OR "high-flow cannula" OR "face mask" OR "oxygen administration"

AND'ed With

*Sedation Concept terms searched title field*

sedation OR sedated OR sedate OR sedating OR sedoanalgesia OR sedative OR sedatives OR analgosedated OR "monitored anesthesia care" OR midazolam OR dexmedetomidine OR propofol OR ketamine OR flumazeni OR "chloral hydrate" OR "nitrous oxide" OR diazepam OR remimazolam OR phenothiazine OR Ketofol

AND'ed With

*Moderate Sedation Concept terms limited to title and abstract fields*

"moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR ERCP OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

*Google Scholar:*

“supplemental oxygen, moderate sedation” “supplemental oxygen, procedural sedation” “supplemental oxygen, conscious sedation” [where my words occur anywhere in the article]

**Benzodiazepines versus ...**

*PubMed:*

Search Statement: (benzodiazepines[Title/Abstract] OR benzodiazepine[Title/Abstract] OR midazolam[Title/Abstract] OR flumazenil[Title/Abstract] OR diazepam[Title/Abstract] OR midazolam[Title/Abstract] OR remimazolam[Title/Abstract]) AND (versus[Title/Abstract] OR vs[Title/Abstract] OR "compared to"[Title/Abstract] OR "comparative effects"[Title/Abstract] OR "comparison"[Title/Abstract]) AND (sedation[Title] OR "moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "procedural sedation"[Title/Abstract] OR "monitored anesthesia care"[Title/Abstract] OR "mild sedation"[Title/Abstract] OR "Conscious Sedation"[Mesh] OR sedated[Title/Abstract] OR sedate[Title/Abstract] OR sedating[Title/Abstract] OR sedoanalgesia[Title/Abstract]) AND ("moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "moderate conscious sedation"[Title/Abstract] OR procedure[Title/Abstract] OR procedures[Title/Abstract] OR procedural[Title/Abstract] OR imaging[Title/Abstract] OR endoscopy[Title/Abstract] OR endoscopic[Title/Abstract] OR colonoscopy[Title/Abstract] OR MRI[Title/Abstract] OR ERCP[Title/Abstract] OR EGD[Title/Abstract] OR "cholangiography"[Title/Abstract] OR cholangiopancreatography[Title/Abstract] OR ERCP[Title/Abstract] OR esophagogastroduodenoscopy[Title/Abstract] OR panendoscopy[Title/Abstract] OR gastroscopy[Title/Abstract] OR ureteroscopy[Title/Abstract] OR cystoscopy[Title/Abstract] OR bronchoscopy[Title/Abstract] OR peritoneoscopy[Title/Abstract] OR lithotripsy[Title/Abstract] OR catheterization[Title/Abstract] OR "pediatric radiology"[Title/Abstract] OR "paediatric radiology"[Title/Abstract] OR dental[Title/Abstract] OR dentistry[Title/Abstract] OR "oral surgery"[Title/Abstract] OR "dentoalveolar surgery"[Title/Abstract] OR "molar surgery"[Title/Abstract] OR "maxillofacial surgery"[Title/Abstract] OR "periodontal surgery"[Title/Abstract] OR "cataract surgery"[Title/Abstract] OR "ocular surgery"[Title/Abstract] OR "eye surgery"[Title/Abstract] OR ophthalmologist[Title/Abstract] OR "plastic surgery"[Title/Abstract] OR interventional[Title/Abstract] OR peri-interventional[Title/Abstract] OR outpatient[Title/Abstract] OR outpatients[Title/Abstract] OR "out-patients"[Title/Abstract] OR "out patient"[Title/Abstract] OR ambulatory[Title/Abstract] OR "day-hospital"[Title/Abstract] OR "day-case"[Title/Abstract] OR "day case"[Title/Abstract] OR "office surgery"[Title/Abstract] OR trabeculectomy[Title/Abstract] OR biopsy[Title/Abstract] OR "emergency department"[Title/Abstract] OR "emergency room"[Title/Abstract] OR nonanesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologists[Title/Abstract] OR non-anaesthetist[Title/Abstract] OR nonanaesthetist[Title/Abstract] OR non-anaesthetists[Title/Abstract] OR "nurse-administered"[Title/Abstract] OR "nurse administered"[Title/Abstract] OR electrocardioversion[Title/Abstract] OR cardiologist[Title/Abstract] OR cardioversion[Title/Abstract] OR echocardiography[Title/Abstract] OR podiatrist[Title/Abstract] OR "evoked auditory"[Title/Abstract] OR electrophysiology[Title/Abstract])

*EMBASE:*

Title and Abstract fields: benzodiazepines OR benzodiazepine OR midazolam OR flumazenil OR diazepam OR midazolam OR remimazolam

AND'ed with

Title and Abstract fields: versus OR vs OR "compared to" OR "comparative effects" OR "comparison"

AND'ed with

Title and Abstract fields: sedation OR "moderate sedation" OR "conscious sedation" OR "procedural sedation" OR "monitored anesthesia care" OR "mild sedation" OR "Conscious Sedation" OR sedated OR sedate OR sedating OR sedoanalgesia

AND'ed with

Title and Abstract fields: "moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR ERCP OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR lithotripsy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

*Google Scholar:*

“benzodiazepine, moderate sedation” “benzodiazepine, procedural sedation” “benzodiazepine, conscious sedation” “midazolam, moderate sedation” “midazolam, procedural sedation” “midazolam, conscious sedation” “diazepam, moderate sedation” “diazepam, procedural sedation” “diazepam, conscious sedation” [where my words occur anywhere in the article]

**Opioids versus ...**

*PubMed:*

Search Statement: (opioids[Title/Abstract] OR opioid[Title/Abstract] OR fentanyl[Title/Abstract] OR alfentanil[Title/Abstract] OR meperidine[Title/Abstract] OR remifentanil[Title/Abstract] OR morphine[Title/Abstract]) AND (versus[Title/Abstract] OR vs[Title/Abstract] OR vs.[Title/Abstract] OR "compared to"[Title/Abstract] OR "comparative effects"[Title/Abstract] OR "comparison"[Title/Abstract]) AND (sedation[Title] OR "moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "procedural sedation"[Title/Abstract] OR "monitored anesthesia care"[Title/Abstract] OR "mild sedation"[Title/Abstract] OR "Conscious Sedation"[Mesh] OR sedated[Title/Abstract] OR sedate[Title/Abstract] OR sedating[Title/Abstract] OR sedoanalgesia[Title/Abstract]) AND ("moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "moderate conscious sedation"[Title/Abstract] OR procedure[Title/Abstract] OR procedures[Title/Abstract] OR procedural[Title/Abstract] OR imaging[Title/Abstract] OR endoscopy[Title/Abstract] OR endoscopic[Title/Abstract] OR colonoscopy[Title/Abstract] OR MRI[Title/Abstract] OR ERCP[Title/Abstract] OR EGD[Title/Abstract] OR "cholangiography"[Title/Abstract] OR cholangiopancreatography[Title/Abstract] OR ERCP[Title/Abstract] OR esophagogastroduodenoscopy[Title/Abstract] OR panendoscopy[Title/Abstract] OR gastroscopy[Title/Abstract] OR ureteroscopy[Title/Abstract] OR cystoscopy[Title/Abstract] OR bronchoscopy[Title/Abstract] OR peritoneoscopy[Title/Abstract] OR lithotripsy[Title/Abstract] OR catheterization[Title/Abstract] OR "pediatric radiology"[Title/Abstract] OR "paediatric radiology"[Title/Abstract] OR dental[Title/Abstract] OR dentistry[Title/Abstract] OR "oral surgery"[Title/Abstract] OR "dentoalveolar surgery"[Title/Abstract] OR "molar surgery"[Title/Abstract] OR "maxillofacial surgery"[Title/Abstract] OR "periodontal surgery"[Title/Abstract] OR "cataract surgery"[Title/Abstract] OR "ocular surgery"[Title/Abstract] OR "eye surgery"[Title/Abstract] OR ophthalmologist[Title/Abstract] OR "plastic surgery"[Title/Abstract] OR interventional[Title/Abstract] OR peri-interventional[Title/Abstract] OR outpatient[Title/Abstract] OR outpatients[Title/Abstract] OR "out-patients"[Title/Abstract] OR "out patient"[Title/Abstract] OR ambulatory[Title/Abstract] OR "day-hospital"[Title/Abstract] OR "day-case"[Title/Abstract] OR "day case"[Title/Abstract] OR "office surgery"[Title/Abstract] OR trabeculectomy[Title/Abstract] OR biopsy[Title/Abstract] OR "emergency department"[Title/Abstract] OR "emergency room"[Title/Abstract] OR nonanesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologists[Title/Abstract] OR non-anaesthetist[Title/Abstract] OR nonanaesthetist[Title/Abstract] OR non-anaesthetists[Title/Abstract] OR "nurse-administered"[Title/Abstract] OR "nurse administered"[Title/Abstract] OR electrocardioversion[Title/Abstract] OR cardiologist[Title/Abstract] OR cardioversion[Title/Abstract] OR echocardiography[Title/Abstract] OR podiatrist[Title/Abstract] OR "evoked auditory"[Title/Abstract] OR electrophysiology[Title/Abstract])

*EMBASE:*

Title and Abstract fields: opioids OR opioid OR fentanyl OR alfentanil OR meperidine OR remifentanil OR  morphine

AND'ed with

Title field: versus OR vs OR "compared to" OR "comparative effects" OR "comparison"

AND'ed with

Title field: sedation OR "moderate sedation" OR "conscious sedation" OR "procedural sedation" OR "monitored anesthesia care" OR "mild sedation" OR "Conscious Sedation" OR sedated OR sedate OR sedating OR sedoanalgesia

AND'ed with

"moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR ERCP OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR lithotripsy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

**Dexmedetomidine versus ...**

*PubMed:*

Search Statement: (dexmedetomidine[Title/Abstract] OR Precedex[Title/Abstract] OR Dexmedetomidine[MeSH Terms]) AND (versus[Title/Abstract] OR vs[Title/Abstract] OR vs.[Title/Abstract] OR "compared to"[Title/Abstract] OR "comparative effects"[Title/Abstract] OR "comparison"[Title/Abstract]) AND (sedation[Title] OR "moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "procedural sedation"[Title/Abstract] OR "monitored anesthesia care"[Title/Abstract] OR "mild sedation"[Title/Abstract] OR "Conscious Sedation"[Mesh] OR sedated[Title/Abstract] OR sedate[Title/Abstract] OR sedating[Title/Abstract] OR sedoanalgesia[Title/Abstract]) AND ("moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "moderate conscious sedation"[Title/Abstract] OR procedure[Title/Abstract] OR procedures[Title/Abstract] OR procedural[Title/Abstract] OR imaging[Title/Abstract] OR endoscopy[Title/Abstract] OR endoscopic[Title/Abstract] OR colonoscopy[Title/Abstract] OR MRI[Title/Abstract] OR ERCP[Title/Abstract] OR EGD[Title/Abstract] OR "cholangiography"[Title/Abstract] OR cholangiopancreatography[Title/Abstract] OR ERCP[Title/Abstract] OR esophagogastroduodenoscopy[Title/Abstract] OR panendoscopy[Title/Abstract] OR gastroscopy[Title/Abstract] OR ureteroscopy[Title/Abstract] OR cystoscopy[Title/Abstract] OR bronchoscopy[Title/Abstract] OR peritoneoscopy[Title/Abstract] OR lithotripsy[Title/Abstract] OR catheterization[Title/Abstract] OR "pediatric radiology"[Title/Abstract] OR "paediatric radiology"[Title/Abstract] OR dental[Title/Abstract] OR dentistry[Title/Abstract] OR "oral surgery"[Title/Abstract] OR "dentoalveolar surgery"[Title/Abstract] OR "molar surgery"[Title/Abstract] OR "maxillofacial surgery"[Title/Abstract] OR "periodontal surgery"[Title/Abstract] OR "cataract surgery"[Title/Abstract] OR "ocular surgery"[Title/Abstract] OR "eye surgery"[Title/Abstract] OR ophthalmologist[Title/Abstract] OR "plastic surgery"[Title/Abstract] OR interventional[Title/Abstract] OR peri-interventional[Title/Abstract] OR outpatient[Title/Abstract] OR outpatients[Title/Abstract] OR "out-patients"[Title/Abstract] OR "out patient"[Title/Abstract] OR ambulatory[Title/Abstract] OR "day-hospital"[Title/Abstract] OR "day-case"[Title/Abstract] OR "day case"[Title/Abstract] OR "office surgery"[Title/Abstract] OR trabeculectomy[Title/Abstract] OR biopsy[Title/Abstract] OR "emergency department"[Title/Abstract] OR "emergency room"[Title/Abstract] OR nonanesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologists[Title/Abstract] OR non-anaesthetist[Title/Abstract] OR nonanaesthetist[Title/Abstract] OR non-anaesthetists[Title/Abstract] OR "nurse-administered"[Title/Abstract] OR "nurse administered"[Title/Abstract] OR electrocardioversion[Title/Abstract] OR cardiologist[Title/Abstract] OR cardioversion[Title/Abstract] OR echocardiography[Title/Abstract] OR podiatrist[Title/Abstract] OR "evoked auditory"[Title/Abstract] OR electrophysiology[Title/Abstract])

*EMBASE:*

Title and Abstract fields: dexmedetomidine OR Precedex

AND'ed with

Title and Abstract fields: versus OR vs OR "compared to" OR "comparative effects" OR "comparison"

AND'ed with

Title and Abstract fields: sedation OR "moderate sedation" OR "conscious sedation" OR "procedural sedation" OR "monitored anesthesia care" OR "mild sedation" OR "Conscious Sedation" OR sedated OR sedate OR sedating OR sedoanalgesia

AND'ed with

"moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR ERCP OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR lithotripsy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

*Google Scholar:*

“dexmedetomidine, moderate sedation” “dexmedetomidine, procedural sedation” “dexmedetomidine, conscious sedation” [where my words occur anywhere in the article]

**Ketamine versus…**

*PubMed:*

Search Statement: (propofol[Title/Abstract] OR ketamine[Title/Abstract] OR etomidate[Title/Abstract] OR ketofol[Title/Abstract] OR propofol[MeSH Terms]OR Ketamine[MeSH Terms] OR etomidate[MeSH Terms]) AND (versus[Title/Abstract] OR vs[Title/Abstract] OR vs.[Title/Abstract] OR "compared to"[Title/Abstract] OR "comparative effects"[Title/Abstract] OR "comparison"[Title/Abstract] OR "comparative evaluation"[Title/Abstract] OR "comparative study"[Title/Abstract]) AND (sedation[Title] OR "moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "procedural sedation"[Title/Abstract] OR "monitored anesthesia care"[Title/Abstract] OR "mild sedation"[Title/Abstract] OR "Conscious Sedation"[Mesh] OR sedated[Title/Abstract] OR sedate[Title/Abstract] OR sedating[Title/Abstract] OR sedoanalgesia[Title/Abstract]) AND ("moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "moderate conscious sedation"[Title/Abstract] OR procedure[Title/Abstract] OR procedures[Title/Abstract] OR procedural[Title/Abstract] OR imaging[Title/Abstract] OR endoscopy[Title/Abstract] OR endoscopic[Title/Abstract] OR colonoscopy[Title/Abstract] OR MRI[Title/Abstract] OR ERCP[Title/Abstract] OR EGD[Title/Abstract] OR "cholangiography"[Title/Abstract] OR cholangiopancreatography[Title/Abstract] OR ERCP[Title/Abstract] OR esophagogastroduodenoscopy[Title/Abstract] OR panendoscopy[Title/Abstract] OR gastroscopy[Title/Abstract] OR ureteroscopy[Title/Abstract] OR cystoscopy[Title/Abstract] OR bronchoscopy[Title/Abstract] OR peritoneoscopy[Title/Abstract] OR lithotripsy[Title/Abstract] OR catheterization[Title/Abstract] OR "pediatric radiology"[Title/Abstract] OR "paediatric radiology"[Title/Abstract] OR dental[Title/Abstract] OR dentistry[Title/Abstract] OR "oral surgery"[Title/Abstract] OR "dentoalveolar surgery"[Title/Abstract] OR "molar surgery"[Title/Abstract] OR "maxillofacial surgery"[Title/Abstract] OR "periodontal surgery"[Title/Abstract] OR "cataract surgery"[Title/Abstract] OR "ocular surgery"[Title/Abstract] OR "eye surgery"[Title/Abstract] OR ophthalmologist[Title/Abstract] OR "plastic surgery"[Title/Abstract] OR interventional[Title/Abstract] OR peri-interventional[Title/Abstract] OR outpatient[Title/Abstract] OR outpatients[Title/Abstract] OR "out-patients"[Title/Abstract] OR "out patient"[Title/Abstract] OR ambulatory[Title/Abstract] OR "day-hospital"[Title/Abstract] OR "day-case"[Title/Abstract] OR "day case"[Title/Abstract] OR "office surgery"[Title/Abstract] OR trabeculectomy[Title/Abstract] OR biopsy[Title/Abstract] OR "emergency department"[Title/Abstract] OR "emergency room"[Title/Abstract] OR nonanesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologists[Title/Abstract] OR non-anaesthetist[Title/Abstract] OR nonanaesthetist[Title/Abstract] OR non-anaesthetists[Title/Abstract] OR "nurse-administered"[Title/Abstract] OR "nurse administered"[Title/Abstract] OR electrocardioversion[Title/Abstract] OR cardiologist[Title/Abstract] OR cardioversion[Title/Abstract] OR echocardiography[Title/Abstract] OR podiatrist[Title/Abstract] OR "evoked auditory"[Title/Abstract] OR electrophysiology[Title/Abstract])

*EMBASE:*

Title and Abstract fields: propofol OR ketamine OR etomidate OR ketofol

AND'ed with

Title and Abstract fields: versus OR vs OR "compared to" OR "comparative effects" OR comparison OR "comparative evaluation" OR "comparative study"

AND'ed with

Title and Abstract fields: sedation OR "moderate sedation" OR "conscious sedation" OR "procedural sedation" OR "monitored anesthesia care" OR "mild sedation" OR "Conscious Sedation" OR sedated OR sedate OR sedating OR sedoanalgesia

AND'ed with

"moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR ERCP OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR lithotripsy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

*Google Scholar:*

“ketamine, moderate sedation” “ketamine, procedural sedation” “ketamine, conscious sedation” “propofol, moderate sedation” “propofol, procedural sedation” “propofol, conscious sedation” “etomidate, moderate sedation” “etomidate, procedural sedation” “etomidate, conscious sedation” [where my words occur anywhere in the article]

**Titration vs Boluses**

*PubMed:*

Search Statement: (sedation[Title/Abstract] OR sedated[Title/Abstract] OR sedate[Title/Abstract] OR sedating[Title/Abstract] OR sedoanalgesia[Title/Abstract] OR sedative[Title/Abstract] OR sedatives[Title/Abstract] OR analgosedated[Title/Abstract] OR "monitored anesthesia care"[Title/Abstract] OR midazolam[Title/Abstract] OR dexmedetomidine[Title/Abstract] OR propofol[Title/Abstract] OR ketamine[Title/Abstract] OR flumazeni[Title/Abstract] OR "chloral hydrate"[Title/Abstract] OR "nitrous oxide"[Title/Abstract] OR diazepam[Title/Abstract] OR remimazolam[Title/Abstract] OR phenothiazine[Title/Abstract] OR Ketofol[Title/Abstract]) AND (boluses[Title] OR bolus[Title] OR intermittent[Title] OR continuous[Title] OR infusion[Title] OR titrated[Title] OR "single dose"[Title]) AND (versus[Title/Abstract] OR vs[Title/Abstract] OR "compared to"[Title/Abstract] OR "comparative effects"[Title/Abstract] OR comparison[Title/Abstract] OR "comparative evaluation"[Title/Abstract] OR "comparative study"[Title/Abstract]) AND ("moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "moderate conscious sedation"[Title/Abstract] OR procedure[Title/Abstract] OR procedures[Title/Abstract] OR procedural[Title/Abstract] OR imaging[Title/Abstract] OR endoscopy[Title/Abstract] OR endoscopic[Title/Abstract] OR colonoscopy[Title/Abstract] OR MRI[Title/Abstract] OR ERCP[Title/Abstract] OR EGD[Title/Abstract] OR "cholangiography"[Title/Abstract] OR cholangiopancreatography[Title/Abstract] OR ERCP[Title/Abstract] OR esophagogastroduodenoscopy[Title/Abstract] OR panendoscopy[Title/Abstract] OR gastroscopy[Title/Abstract] OR ureteroscopy[Title/Abstract] OR cystoscopy[Title/Abstract] OR bronchoscopy[Title/Abstract] OR peritoneoscopy[Title/Abstract] OR lithotripsy[Title/Abstract] OR catheterization[Title/Abstract] OR "pediatric radiology"[Title/Abstract] OR "paediatric radiology"[Title/Abstract] OR dental[Title/Abstract] OR dentistry[Title/Abstract] OR "oral surgery"[Title/Abstract] OR "dentoalveolar surgery"[Title/Abstract] OR "molar surgery"[Title/Abstract] OR "maxillofacial surgery"[Title/Abstract] OR "periodontal surgery"[Title/Abstract] OR "cataract surgery"[Title/Abstract] OR "ocular surgery"[Title/Abstract] OR "eye surgery"[Title/Abstract] OR ophthalmologist[Title/Abstract] OR "plastic surgery"[Title/Abstract] OR interventional[Title/Abstract] OR peri-interventional[Title/Abstract] OR outpatient[Title/Abstract] OR outpatients[Title/Abstract] OR "out-patients"[Title/Abstract] OR "out patient"[Title/Abstract] OR ambulatory[Title/Abstract] OR "day-hospital"[Title/Abstract] OR "day-case"[Title/Abstract] OR "day case"[Title/Abstract] OR "office surgery"[Title/Abstract] OR trabeculectomy[Title/Abstract] OR biopsy[Title/Abstract] OR "emergency department"[Title/Abstract] OR "emergency room"[Title/Abstract] OR nonanesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologists[Title/Abstract] OR non-anaesthetist[Title/Abstract] OR nonanaesthetist[Title/Abstract] OR non-anaesthetists[Title/Abstract] OR "nurse-administered"[Title/Abstract] OR "nurse administered"[Title/Abstract] OR electrocardioversion[Title/Abstract] OR cardiologist[Title/Abstract] OR cardioversion[Title/Abstract] OR echocardiography[Title/Abstract] OR podiatrist[Title/Abstract] OR "evoked auditory"[Title/Abstract] OR electrophysiology[Title/Abstract])

*EMBASE:*

sedation OR sedated OR sedate OR sedating OR sedoanalgesia OR sedative OR sedatives OR analgosedated OR "monitored anesthesia care" OR midazolam OR dexmedetomidine OR propofol OR ketamine OR flumazeni OR "chloral hydrate" OR "nitrous oxide" OR diazepam OR remimazolam OR phenothiazine OR Ketofol

AND’d With

boluses OR bolus OR intermittent OR continuous OR infusion OR titrated OR "single dose"

AND’d With

versus OR vs OR "compared to" OR "comparative effects" OR comparison OR "comparative evaluation" OR "comparative study"

AND’d With

"moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR ERCP OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR lithotripsy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

**Reversal Agent: Naloxone**

*PubMed:*

Search Statement: (sedation[Title] OR sedated[Title] OR sedate[Title] OR sedating[Title] OR sedoanalgesia[Title] OR sedative[Title] OR sedatives[Title] OR analgosedated[Title] OR "monitored anesthesia care"[Title] OR dexmedetomidine[Title] OR sufentanil[Title] OR opioids[Title] OR opioid[Title] OR fentanyl[Title] OR alfentanil[Title] OR meperidine[Title] OR remifentanil[Title] OR morphine[Title] OR pethidine[Title] OR meperidine[Title]) AND (naloxone[Title] OR narcan[Title] OR suboxone[Title] OR buprenorphone/naloxone[Title] OR "opioid reversal"[Title] OR "reversal of"[Title] OR "antagonist"[Title] OR antagonists[Title] OR antidote[Title] OR antidotes[Title]) AND ("moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "moderate conscious sedation"[Title/Abstract] OR procedure[Title/Abstract] OR procedures[Title/Abstract] OR procedural[Title/Abstract] OR imaging[Title/Abstract] OR endoscopy[Title/Abstract] OR endoscopic[Title/Abstract] OR colonoscopy[Title/Abstract] OR MRI[Title/Abstract] OR ERCP[Title/Abstract] OR EGD[Title/Abstract] OR "cholangiography"[Title/Abstract] OR cholangiopancreatography[Title/Abstract] OR ERCP[Title/Abstract] OR esophagogastroduodenoscopy[Title/Abstract] OR panendoscopy[Title/Abstract] OR gastroscopy[Title/Abstract] OR ureteroscopy[Title/Abstract] OR cystoscopy[Title/Abstract] OR bronchoscopy[Title/Abstract] OR peritoneoscopy[Title/Abstract] OR lithotripsy[Title/Abstract] OR catheterization[Title/Abstract] OR "pediatric radiology"[Title/Abstract] OR "paediatric radiology"[Title/Abstract] OR dental[Title/Abstract] OR dentistry[Title/Abstract] OR "oral surgery"[Title/Abstract] OR "dentoalveolar surgery"[Title/Abstract] OR "molar surgery"[Title/Abstract] OR "maxillofacial surgery"[Title/Abstract] OR "periodontal surgery"[Title/Abstract] OR "cataract surgery"[Title/Abstract] OR "ocular surgery"[Title/Abstract] OR "eye surgery"[Title/Abstract] OR ophthalmologist[Title/Abstract] OR "plastic surgery"[Title/Abstract] OR interventional[Title/Abstract] OR peri-interventional[Title/Abstract] OR outpatient[Title/Abstract] OR outpatients[Title/Abstract] OR "out-patients"[Title/Abstract] OR "out patient"[Title/Abstract] OR ambulatory[Title/Abstract] OR "day-hospital"[Title/Abstract] OR "day-case"[Title/Abstract] OR "day case"[Title/Abstract] OR "office surgery"[Title/Abstract] OR trabeculectomy[Title/Abstract] OR biopsy[Title/Abstract] OR "emergency department"[Title/Abstract] OR "emergency room"[Title/Abstract] OR nonanesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologists[Title/Abstract] OR non-anaesthetist[Title/Abstract] OR nonanaesthetist[Title/Abstract] OR non-anaesthetists[Title/Abstract] OR "nurse-administered"[Title/Abstract] OR "nurse administered"[Title/Abstract] OR electrocardioversion[Title/Abstract] OR cardiologist[Title/Abstract] OR cardioversion[Title/Abstract] OR echocardiography[Title/Abstract] OR podiatrist[Title/Abstract] OR "evoked auditory"[Title/Abstract] OR electrophysiology[Title/Abstract])

*EMBASE:*

sedation OR sedated OR sedate OR sedating OR sedoanalgesia OR sedative OR sedatives OR analgosedated OR "monitored anesthesia care" OR dexmedetomidine OR sufentanil OR opioids OR opioid OR fentanyl OR alfentanil OR meperidine OR remifentanil OR morphine OR pethidine or meperidine

AND’d With

naloxone OR narcan OR suboxone OR buprenorphone/naloxone OR "opioid reversal" OR "reversal of" OR "antagonist" OR antagonists OR antidote OR antidotes

AND’d With

"moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR ERCP OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR lithotripsy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

*Google Scholar:*

“naloxone, moderate sedation” “naloxone, procedural sedation” “naloxone, conscious sedation” [where my words occur anywhere in the article]

**Reversal Agent: Flumazenil**

*PubMed:*

Search Statement: ("Flumazenil"[Majr] OR flumazenil[Title] OR "benzodiazepine antagonist"[Title/Abstract] OR "benzodiazepine antagonists"[Title/Abstract]) AND (sedation[Title/Abstract] OR sedated[Title/Abstract] OR sedate[Title/Abstract] OR sedating[Title/Abstract] OR sedoanalgesia[Title/Abstract] OR sedative[Title/Abstract] OR sedatives[Title/Abstract] OR analgosedated[Title/Abstract] OR "monitored anesthesia care"[Title/Abstract] OR benzodiazepine[Title/Abstract] OR benzodiazepines[Title/Abstract] OR midazolam[Title/Abstract] OR lorazepam[Title/Abstract] OR diazepam[Title/Abstract] OR remimazolam[Title/Abstract] OR alprazolam[Title/Abstract])

*EMBASE:*

Title field only: flumazenil OR "benzodiazepine antagonist" OR "benzodiazepine antagonists"

AND'd With

Title and Abstract fields: sedation OR sedated OR sedate OR sedating OR sedoanalgesia OR sedative OR sedatives OR procedure OR "out-patient" OR "out patient" OR outpatient OR ER OR "emergency room" OR analgosedated OR "monitored anesthesia care" OR benzodiazepine OR benzodiazepines OR midazolam OR lorazepam OR diazepam OR remimazolam OR alprazolam

AND'd With

"reversal of" OR reverse OR "antagonist" OR antagonists OR antidote OR antidotes OR treat OR therapy OR for emergency OR emergencies OR "respiratory depression" OR "over sedation" OR "over-sedation" OR oversedation OR "deep sedation"

*Google Scholar:*

“flumazenil, moderate sedation” “flumazenil, procedural sedation” “flumazenil, conscious sedation” [where my words occur anywhere in the article]

**Discharge Criteria**

*PubMed:*

Search Statement:(discharge[Title]) AND ("recovery period"[Title] OR scoring[Title] OR score[Title] OR readiness[Title] OR ready[Title] OR protocol[Title] OR scale[Title]) AND (sedation[Title/Abstract] OR sedated[Title/Abstract] OR sedate[Title/Abstract] OR sedating[Title/Abstract] OR sedoanalgesia[Title/Abstract] OR sedative[Title/Abstract] OR sedatives[Title/Abstract] OR analgosedated[Title/Abstract] OR "monitored anesthesia care"[Title/Abstract] OR "moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "moderate conscious sedation"[Title/Abstract] OR procedure[Title/Abstract] OR procedures[Title/Abstract] OR procedural[Title/Abstract] OR imaging[Title/Abstract] OR endoscopy[Title/Abstract] OR endoscopic[Title/Abstract] OR colonoscopy[Title/Abstract] OR MRI[Title/Abstract] OR ERCP[Title/Abstract] OR EGD[Title/Abstract] OR "cholangiography"[Title/Abstract] OR cholangiopancreatography[Title/Abstract] OR ERCP[Title/Abstract] OR esophagogastroduodenoscopy[Title/Abstract] OR panendoscopy[Title/Abstract] OR gastroscopy[Title/Abstract] OR ureteroscopy[Title/Abstract] OR cystoscopy[Title/Abstract] OR bronchoscopy[Title/Abstract] OR peritoneoscopy[Title/Abstract] OR lithotripsy[Title/Abstract] OR catheterization[Title/Abstract] OR "pediatric radiology"[Title/Abstract] OR "paediatric radiology"[Title/Abstract] OR dental[Title/Abstract] OR dentistry[Title/Abstract] OR "oral surgery"[Title/Abstract] OR "dentoalveolar surgery"[Title/Abstract] OR "molar surgery"[Title/Abstract] OR "maxillofacial surgery"[Title/Abstract] OR "periodontal surgery"[Title/Abstract] OR "cataract surgery"[Title/Abstract] OR "ocular surgery"[Title/Abstract] OR "eye surgery"[Title/Abstract] OR ophthalmologist[Title/Abstract] OR "plastic surgery"[Title/Abstract] OR interventional[Title/Abstract] OR peri-interventional[Title/Abstract] OR outpatient[Title/Abstract] OR outpatients[Title/Abstract] OR "out-patients"[Title/Abstract] OR "out patient"[Title/Abstract] OR ambulatory[Title/Abstract] OR "day-hospital"[Title/Abstract] OR "day-case"[Title/Abstract] OR "day case"[Title/Abstract] OR "office surgery"[Title/Abstract] OR trabeculectomy[Title/Abstract] OR biopsy[Title/Abstract] OR "emergency department"[Title/Abstract] OR "emergency room"[Title/Abstract] OR nonanesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologists[Title/Abstract] OR non-anaesthetist[Title/Abstract] OR nonanaesthetist[Title/Abstract] OR non-anaesthetists[Title/Abstract] OR "nurse-administered"[Title/Abstract] OR "nurse administered"[Title/Abstract] OR electrocardioversion[Title/Abstract] OR cardiologist[Title/Abstract] OR cardioversion[Title/Abstract] OR echocardiography[Title/Abstract] OR podiatrist[Title/Abstract] OR "evoked auditory"[Title/Abstract] OR electrophysiology[Title/Abstract])

*EMBASE:*

Title field only: discharge

AND’d With

Title field only: "recovery period" or scoring or score or readiness or ready or protocol or scale

AND’d With

Title and Abstract fields: sedation OR sedated OR sedate OR sedating OR sedoanalgesia OR sedative OR sedatives OR analgosedated OR "monitored anesthesia care" OR "moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR ERCP OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR lithotripsy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology

**Risk Factors**

*PubMed:*

Search statement: Search ((((sedation[Title] OR sedated[Title] OR sedate[Title] OR sedating[Title] OR sedoanalgesia[Title] OR sedative[Title] OR sedatives[Title] OR analgosedated[Title] OR "monitored anesthesia care"[Title] OR midazolam[Title] OR dexmedetomidine[Title] OR propofol[Title] OR ketamine[Title] OR flumazenil[Title] OR "chloral hydrate"[Title] OR "nitrous oxide"[Title] OR diazepam[Title] OR remimazolam[Title] OR phenothiazine[Title] OR Ketofol[Title])) AND ("adverse events"[Title/Abstract] OR "adverse event"[Title/Abstract] OR "adverse effects"[Title/Abstract] OR complication[Title/Abstract] OR complications[Title/Abstract] OR sequelae[Title/Abstract] OR "impaired respiratory function"[Title/Abstract] OR "impaired respiration"[Title/Abstract] OR "adverse respiratory events"[Title/Abstract] OR "risk ractors"[Title/Abstract] OR risks[Title/Abstract] OR hypotension[Title/Abstract] OR desaturation[Title/Abstract] OR hypoventilation[Title/Abstract] OR "respiratory depression"[Title/Abstract] OR apnea[Title/Abstract] OR overdose[Title/Abstract] OR safe[Title/Abstract] OR safety[Title/Abstract]))) AND ("moderate sedation"[Title/Abstract] OR "conscious sedation"[Title/Abstract] OR "moderate conscious sedation"[Title/Abstract] OR procedure[Title/Abstract] OR procedures[Title/Abstract] OR procedural[Title/Abstract] OR imaging[Title/Abstract] OR endoscopy[Title/Abstract] OR endoscopic[Title/Abstract] OR colonoscopy[Title/Abstract] OR MRI[Title/Abstract] OR ERCP[Title/Abstract] OR EGD[Title/Abstract] OR "cholangiography"[Title/Abstract] OR cholangiopancreatography[Title/Abstract] OR esophagogastroduodenoscopy[Title/Abstract] OR panendoscopy[Title/Abstract] OR gastroscopy[Title/Abstract] OR ureteroscopy[Title/Abstract] OR cystoscopy[Title/Abstract] OR bronchoscopy[Title/Abstract] OR peritoneoscopy[Title/Abstract] OR catheterization[Title/Abstract] OR "pediatric radiology"[Title/Abstract] OR "paediatric radiology"[Title/Abstract] OR dental[Title/Abstract] OR dentistry[Title/Abstract] OR "oral surgery"[Title/Abstract] OR "dentoalveolar surgery"[Title/Abstract] OR "molar surgery"[Title/Abstract] OR "maxillofacial surgery"[Title/Abstract] OR "periodontal surgery"[Title/Abstract] OR "cataract surgery"[Title/Abstract] OR "ocular surgery"[Title/Abstract] OR "eye surgery"[Title/Abstract] OR ophthalmologist[Title/Abstract] OR "plastic surgery"[Title/Abstract] OR interventional[Title/Abstract] OR peri-interventional[Title/Abstract] OR outpatient[Title/Abstract] OR outpatients[Title/Abstract] OR "out-patients"[Title/Abstract] OR "out patient"[Title/Abstract] OR ambulatory[Title/Abstract] OR "day-hospital"[Title/Abstract] OR "day-case"[Title/Abstract] OR "day case"[Title/Abstract] OR "office surgery"[Title/Abstract] OR trabeculectomy[Title/Abstract] OR biopsy[Title/Abstract] OR "emergency department"[Title/Abstract] OR "emergency room"[Title/Abstract] OR nonanesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologist[Title/Abstract] OR non-anesthesiologists[Title/Abstract] OR non-anaesthetist[Title/Abstract] OR nonanaesthetist[Title/Abstract] OR non-anaesthetists[Title/Abstract] OR "nurse-administered"[Title/Abstract] OR "nurse administered"[Title/Abstract] OR electrocardioversion[Title/Abstract] OR cardiologist[Title/Abstract] OR cardioversion[Title/Abstract] OR echocardiography[Title/Abstract] OR podiatrist[Title/Abstract] OR "evoked auditory"[Title/Abstract] OR electrophysiology[Title/Abstract])

*EMBASE:*

Search statement 1: sedation OR sedated OR sedate OR sedating OR sedoanalgesia OR sedative OR sedatives OR analgosedated OR "monitored anesthesia care" OR midazolam OR dexmedetomidine OR propofol OR ketamine OR flumazeni OR "chloral hydrate" OR "nitrous oxide" OR diazepam OR remimazolam OR phenothiazine OR Ketofol [searched title field]

ANDed with

Search statement 2: "adverse events" OR "adverse event" OR "adverse effects" OR complication OR complications OR sequelae OR "impaired respiratory function" OR "impaired respiration" OR "adverse respiratory events" OR "risk ractors" OR risks OR hypotension OR desaturation OR hypoventilation OR "respiratory depression" OR apnea OR overdose OR safe OR safety [searched title field]

ANDed with

Search statement 3:"moderate sedation" OR "conscious sedation" OR "moderate conscious sedation" OR procedure OR procedures OR procedural OR imaging OR endoscopy OR endoscopic OR colonoscopy OR MRI OR ERCP OR EGD OR "cholangiography" OR cholangiopancreatography OR esophagogastroduodenoscopy OR panendoscopy OR gastroscopy OR ureteroscopy OR cystoscopy OR bronchoscopy OR peritoneoscopy OR catheterization OR "pediatric radiology" OR "paediatric radiology" OR dental OR dentistry OR "oral surgery" OR "dentoalveolar surgery" OR "molar surgery" OR "maxillofacial surgery" OR "periodontal surgery" OR "cataract surgery" OR "ocular surgery" OR "eye surgery" OR ophthalmologist OR "plastic surgery" OR interventional OR peri-interventional OR outpatient OR outpatients OR "out-patients" OR "out patient" OR ambulatory OR "day-hospital" OR "day-case" OR "day case" OR "office surgery" OR trabeculectomy OR biopsy OR "emergency department" OR "emergency room" OR nonanesthesiologist OR non-anesthesiologist OR non-anesthesiologist OR non-anesthesiologists OR non-anaesthetist OR nonanaesthetist OR non-anaesthetists OR "nurse-administered" OR "nurse administered" OR electrocardioversion OR cardiologist OR cardioversion OR echocardiography OR podiatrist OR "evoked auditory" OR electrophysiology [searched title and abstract fields]