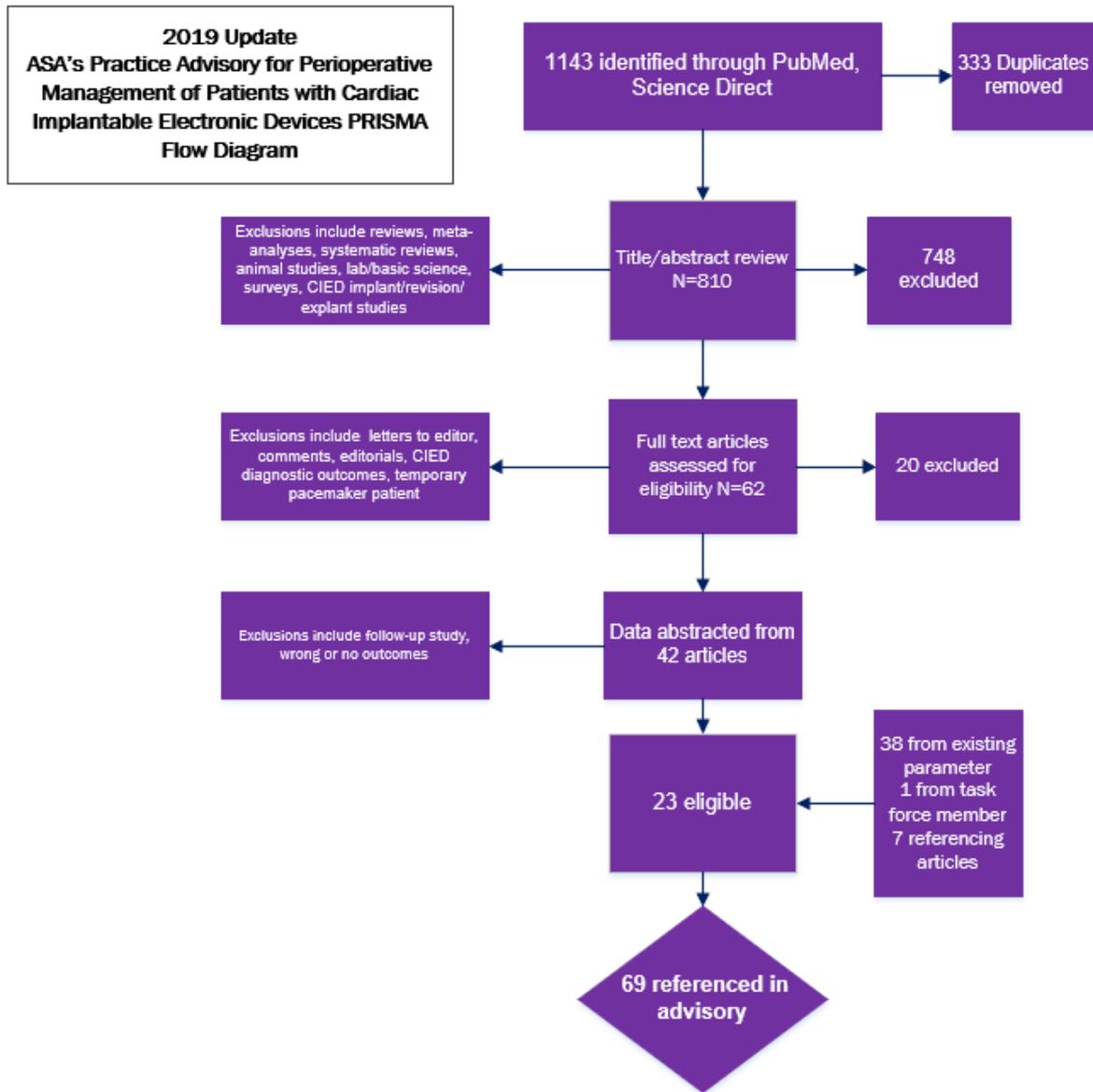


**ASA Practice Advisory for Perioperative Management of Patients with Cardiac
Implantable Electronic Devices 2019
Supplement 2 - Literature Search Summary and PRISMA Diagram**



Search terms (AND, OR, NOT) and truncation (wildcard characters like *)	<p>Search ((((((CIED AND "last 10 years"[PDat] AND Humans[Mesh])) NOT revision[Text Word]) AND "last 10 years"[PDat] AND Humans[Mesh])) AND anesthesia[Text Word] Filters: published in the last 10 years; Humans Sort by: [pubsolr12]</p> <p>Search ((((((CIED AND "last 10 years"[PDat] AND Humans[Mesh])) NOT revision[Text Word]) AND ("2010/01/01"[PDat] : "2018/12/31"[PDat]) AND Humans[Mesh])) AND perioperative[Text Word] Filters: Publication date from 2010/01/01 to 2018/12/31; Humans Sort by: [pubsolr12]</p> <p>Search ((((((CIED AND "last 10 years"[PDat] AND Humans[Mesh])) NOT revision[Text Word]) AND ("2010/01/01"[PDat] : "2018/12/31"[PDat]) AND Humans[Mesh] AND English[lang])) AND Intraoperative[Text Word] AND Monitoring[Text Word] Filters: Publication date from 2010/01/01 to 2018/12/31; Humans; English Sort by: [pubsolr12]</p> <p>Search ((((((CIED AND "last 10 years"[PDat] AND Humans[Mesh])) NOT revision[Text Word]) AND ("2010/01/01"[PDat] : "2018/12/31"[PDat]) AND Humans[Mesh] AND English[lang])) AND EMI[Text Word] Filters: Publication date from 2010/01/01 to 2018/12/31; Humans; English Sort by: [pubsolr12]</p> <p>Search ((((((CIED AND "last 10 years"[PDat] AND Humans[Mesh])) NOT revision[Text Word]) AND ("2010/01/01"[PDat] : "2018/12/31"[PDat]) AND Humans[Mesh] AND English[lang])) AND RF ablation[Text Word] Filters: Publication date from 2010/01/01 to 2018/12/31; Humans; English Sort by: Author</p> <p>Search ((((((CIED AND "last 10 years"[PDat] AND Humans[Mesh])) NOT revision[Text Word]) AND ("2010/01/01"[PDat] : "2018/12/31"[PDat]) AND Humans[Mesh] AND English[lang])) AND emergency[Text Word] AND defibrillation[Text Word] Filters: Publication date from 2010/01/01 to 2018/12/31; Humans; English Sort by: Author</p> <p>Search ((((((CIED AND "last 10 years"[PDat] AND Humans[Mesh])) NOT revision[Text Word]) AND ("2010/01/01"[PDat] : "2018/12/31"[PDat]) AND Humans[Mesh] AND English[lang])) AND cardioversion[Text Word] Filters: Publication date from 2010/01/01 to 2018/12/31; Humans; English Sort by: Author</p> <p>Search ((Pacemaker[MeSH Terms] AND ("2010/01/01"[PDAT] : "2018/12/31"[PDAT]) AND Humans[Mesh] AND English[lang])) AND perioperative Filters: Publication date from 2010/01/01 to 2018/12/31; Humans; English Sort by: Author</p> <p>Search (((Pacemaker[MeSH Terms] AND ("2010/01/01"[PDat] : "2018/12/31"[PDat]) AND Humans[Mesh] AND English[lang])) AND intraoperative[Text Word] AND monitoring[Text Word] Filters: Publication date from 2010/01/01 to 2018/12/31; Humans; English Sort by: Author</p> <p>Search ((Pacemaker[MeSH Terms] AND ("2010/01/01"[PDat] : "2018/12/31"[PDat]) AND Humans[Mesh] AND English[lang])) AND EMI[Text Word] Filters: Publication date from 2010/01/01 to 2018/12/31; Humans; English Sort by: Author</p> <p>Search ((Pacemaker[MeSH Terms] AND ("2010/01/01"[PDat] : "2018/12/31"[PDat]) AND Humans[Mesh] AND English[lang])) AND preoperative[Text Word] Filters: Publication date from 2010/01/01 to 2018/12/31; Humans; English Sort by: Author</p> <p>Search ((Pacemaker[MeSH Terms] AND ("2010/01/01"[PDat] : "2018/12/31"[PDat]) AND Humans[Mesh] AND English[lang])) AND cardioversion[Text Word] Filters: Publication date from 2010/01/01 to 2018/12/31; Humans; English Sort by: Author</p> <p>Search ((subcutaneous[All Fields] AND icd[All Fields]) AND ("2010/01/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang] AND ("anaesthesia"[All Fields] OR "anesthesia"[MeSH Terms] OR "anesthesia"[All Fields]) AND (("2010/01/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang])</p> <p>Search (leadless[All Fields] AND ("pacemaker, artificial"[MeSH Terms] OR ("pacemaker"[All Fields] AND "artificial"[All Fields]) OR "artificial pacemaker"[All Fields] OR "pacemaker"[All Fields])) AND (("2010/01/01"[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 with CIEDs undergoing surgery or procedure where EMI sources are present.
Exclusion criteria	<p>Patients without CIEDs, CIED implantation/explantation/revision study, temporary pacing</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 6. Interventions excluded from or not identified by evidence model (implantation of CIEDs, revision of CIEDs, extraction of CIEDs) 7. Outcomes excluded from or not relevant to evidence model (diagnostics outcome) 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)