# Table A. Supplemental Digital Content

# Presence of the partner during emergency caesarean section. A scoping review

Literature search

## Research question

To map the existing evidence on the effects of having the partner present in the operating room during emergency caesarean section in either general or regional anesthesia.

## PCC model:

**P**opoulation: Emergency caesarean section

**C**oncept: Partner present in the operating room

**C**ontext: General anesthesia, regional anesthesia

## Relevant databases:

* Pubmed/MEDLINE
* Embase
* CINAHL
* The Cochrane Library

All study types. From inception to present day. Language: English, Danish, Norwegian, Swedish, German.

Primary overview of relevant terms and synonyms:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Emergency caesarean section | Partner  | Present | Operating room  | Anesthesia |
| Emergency cesarean section | Partner  | Present | Operating room | General anesthesia |
| Emergency caesarean section | Father  | Presence | Operating theatre | Anesthesia, general |
| Acute cesarean section | Spouse  | Attending | Operating theater | Anesthesias |
| Acute caesarean section | Relative  | Attendance | Operation room | Anaesthesia |
| C-section | Husband  |  | Operation theatre | General anaesthesia |
| Surcigal birth | Companion |  | Operation theater | Regional anesthesia |
| Surcigal delivery | Helper |  | Operating suite | Anesthesia, regional |
| Abdominal delivery | Birthhelper |  | Operation suite | Spinal |
|  |  |  | Surgery | Epidural  |

Use of “Operating room” and “anesthesia” limits the search to very few results (<100) and are therefore not applied.

Use of the terms “emergency” and “acute” in the first column also limits the search to very few results (<50) and are therefore not applied.

Revised table of relevant terms and synonyms – used for literature search:

|  |  |  |
| --- | --- | --- |
| Caesarean section | Partner  | Present |
| Cesarean section | Partner  | Present |
| Caesarean section | Father  | Presence |
| c-section | Spouse  | Attending |
| Surcigal birth | Relative  | Attendance |
| Surcigal delivery | Husband  |  |
| Abdominal delivery | Companion |  |
|  | Helper |  |
|  | Birthhelper |  |

## Free text:

(cesarean section OR caesarean section OR c-section OR surgical birth OR surgical delivery OR abdominal delivery)

(partner OR father OR spouse OR relative OR husband OR companion OR helper OR birthhelper)

(present OR presence OR attending OR attendance)

## PubMed

Searched 26.10.2021

|  |  |  |
| --- | --- | --- |
| Search | Query | Found items |
| #1 | Cesarean section [MeSH Terms] | 48.674 |
| #2 | (“cesarean section” OR “caesarean section” OR “c-section” OR “surgical birth” OR “surgical delivery” OR “abdominal delivery”) | 69.558 |
| #3 | #1 OR #2 | 69.558 |
| #4 | Spouses [MeSH Terms] | 10.898 |
| #5 | Fathers [MeSH Terms] | 9.921 |
| #6 | (“partner” OR “father” OR “spouse” OR “relative” OR “husband” OR “companion” OR “helper” OR “birthhelper”) | 1.133.077 |
| #7 | #4 OR #5 OR #6 | 1.144.283 |
| #8 | (“present” OR “presence” OR “attending” OR “attendance”) | 4.498.607 |
| #9 | #3 AND #7 AND #8 | 452 |

## Embase Classic + Embase

Searched 26.10.2021

|  |  |  |
| --- | --- | --- |
| Search | Query | Found items |
| #1 | cesarean section.mp. or exp cesarean section/ | 120.974 |
| #2 | (cesarean section or caesarean section or c-section or surgical birth or surgical delivery or abdominal delivery).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word] | 127.509 |
| #3 | #1 OR #2 | 127.509 |
| #4 | father.mp. or exp father/ | 58.097 |
| #5 | spouse.mp. or exp spouse/ | 28.807 |
| #6 | (partner or father or spouse or relative or husband or companion or helper or birthhelper).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word] | 1.454.572 |
| #7 | #4 OR #5 OR #6 | 1.457.750 |
| #8 | (present or presence or attending or attendance).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword heading word, floating subheading word, candidate term word] | 5.920.409 |
| #9 | #3 AND #7 AND #8 | 973 |

## Cinahl

Searched 26.10.2021

|  |  |  |
| --- | --- | --- |
| **Search** | **Query** | **Found items** |
| #1 | (MH "Cesarean section+") | 20.220 |
| #2 | (cesarean section OR caesarean section OR c-section OR surgical birth OR surgical delivery OR abdominal delivery) | 26.423 |
| #3 | #1 OR #2 | 26.423 |
| #4 | (MH "Spouses")  | 11.644 |
| #5 | (MH "Fathers+")  | 7.628 |
| #6 | (partner OR father OR spouse OR relative OR husband OR companion OR helper OR birthhelper) | 279.849 |
| #7 | #4 OR #5 OR #6 | 279.849 |
| #8 | (present OR presence OR attending OR attendance) | 679.184 |
| #9 | #3 AND #7 AND #8 | 219 |

## Cochrane

Searched 26.10.2021

|  |  |  |
| --- | --- | --- |
| **Search** | **Query** | **Found items** |
| #1 | MeSH descriptor: [Cesarean section] explode all trees | 3282 |
| #2 | (“cesarean section” OR “caesarean section” OR “c-section” OR “surgical birth” OR “surgical delivery” OR “abdominal delivery”) | 12.653 |
| #3 | #1 OR #2 | 12.653 |
| #4 | MeSH descriptor: [Spouses] explode all trees | 376 |
| #5 | MeSH descriptor: [Father] explode all trees | 201 |
| #6 | (“partner” OR “father” OR “spouse” OR “relative” OR “husband” OR “companion” OR “helper” OR “birthhelper”) | 89.586 |
| #7 | #4 OR #5 OR #6  | 89.822 |
| #8 | (“present” OR “presence” OR “attending” OR “attendance”) | 181.418 |
| #9 | #3 AND #7 AND #8 | 585 |