

Obstetric Anaesthesia CQR Data Collection

Identifiers

URN	
Surname	
Date of Birth	
Postcode	
ATSI/Maori Status	Y/N
¹ Diagnosed Mental Health	Y/N
ASA	Score of 2-5
² Parity	Nulliparous/Multiparous
³ BMI	Kg/m ²
Operation	<p>Caesarean Section</p> <ul style="list-style-type: none"> • ⁴Category 1-4 • ⁵Time notified • ⁶Delivery time • ⁷Indication • ⁸Destination baby • ⁹Destination mother <p>Manual removal of placenta Insertion of cervical stitch Removal of cervical stitch Intrauterine procedure on the fetus Management of haemorrhage</p>

Primary anaesthetic technique

Epidural in-situ	Yes/No
Primary Technique	Regional General

Regional Technique

Technique	Spinal Epidural top-up CSE Epidural
Needle type	Spinal (24,25,26) Epidural (18,16) CSE (18,27) (16,26) N/A

Regional Medications	LA and fentanyl Clonidine Morphine Other
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Complications Regional

Pre and intraop (>1 possible)	None ¹⁰ Pain during surgery ¹¹ >2 attempts ¹² Paraesthesia Intravascular catheter ¹³ Inadvertant Dural Puncture ¹⁴ Intrathecal catheter ¹⁵ High block ¹⁶ Total spinal Other
Management of pain intraop (>1 possible)	N/A Conversion to GA IV analgesia IV sedation Inhaled nitrous oxide LA by surgeon Other

Complications GA

	None ¹⁷ Aspiration ¹⁸ Difficult intubation ¹⁹ Failed intubation ²⁰ Bronchospasm ²¹ Desaturation Awareness
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Complications Procedure

Haemorrhage	Y/N
IF YES: management	None Intraop blood product transfusion ²² Extra uterotonics ²³ Surgical ²⁴ Radiological

Post op analgesia

Systemic (<i>>1 possible</i>)	Panadol NSAID Opioid oral Tramadol oral Opioid IV PCA
Regional (<i>>1 possible</i>)	None LA to skin TAP block Epidural PCEA Epidural infusion Epidural morphine Spinal morphine

Follow up

Pain Service	Y/N/Other
Satisfaction	²⁵ Anaesthesia 1-5
Post-natal problems (<i>>1 possible</i>)	²⁶ Nausea ²⁷ Itch ²⁸ Inadequate analgesia ²⁹ Headache ³⁰ Diagnosed PDPH ³¹ Paraesthesia ³² Back pain ³³ Prolonged motor block Other

Promulgated: 2017

Date of current document: 2017

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Data Dictionary

1. Diagnosed Mental Health: Patient has been documented to have a mental health condition (diagnosed and or treated) or previously experienced post-natal depression
2. Parity determined by previous deliveries (live or demised) of fetus ≥ 24 weeks of age. A "primip" is nulliparous.
3. BMI Body mass index: for full term mothers, calculated on weight measured at ≥ 34 weeks. For premature deliveries, the BMI based on the most recent weight.
4. Category 1-4 RANZCOG categories:
 - Category 1:** Urgent threat to the life or the health of a woman or fetus.
 - Category 2:** Maternal or fetal compromise but not immediately life threatening.
 - Category 3:** Needing earlier than planned delivery but without currently evident maternal or fetal compromise.
 - Category 4:** At a time acceptable to both the woman and the caesarean section team
5. Time notified: Time at which the anaesthetic team was notified of C-Section
6. Delivery time: Time at which the fetus was delivered
7. Indication options:
 - Elective repeat
 - Non-reassuring fetal status
 - Failed instrumental delivery
 - Fetal malpresentation
 - Placental abnormality
 - Multiple pregnancy
 - Fetal abnormality
 - Maternal physiological condition: PET, sepsis, bleeding, obesity
8. Destination baby: normal, nursery, intensive care, demised
9. Destination mother: normal, birth suite, intensive (CCU/HDU/ICU)
10. Pain during surgery requiring intervention
11. >2 attempts An attempt is considered a new needle insertion through the skin (not redirections through the same insertion)
12. Paresthesia on insertion of a needle
13. Inadvertent Dural Puncture: Obvious CSF flow through the needle or catheter, or on the basis of response to drugs administered to catheter
14. Intrathecal catheter unintentional
15. High block documented block $\geq T2$ **with compromise** (hand weakness, bradycardia, respiratory difficulty)
16. Total spinal high block requiring airway intervention
17. Aspiration gastric contents visualised at glottis and/or unexplained persistent desaturation
18. Difficult intubation: Change to new technique or > 1 attempt
19. Failed intubation Inability to intubate trachea
20. Bronchospasm audible wheeze and/or high airway pressures
21. Desaturation sustained oxygen saturation $<92\%$
22. Uterotonics: Other than oxytocin/carbetocin
23. Surgical B-Lynch suture, Bakri balloon, hysterectomy, ligation of vessels
24. Radiological Use of intra-arterial occlusion

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25. Analgesia Satisfaction 1-5

I was satisfied with the anaesthetic provided

(1)	(2)	(3)	(4)	(5)
Strongly Agree	Agree	Neither Agree Or Disagree	Disagree	Strongly Disagree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

26. Nausea despite antiemetics

27. Itch requiring treatment

28. Inadequate analgesia requiring addition to the original post-op plan

29. Headache: Any headache requiring evaluation for dural puncture headache

30. Diagnosed PDPH

31. Paraesthesia: Any paraesthesia requiring review

32. Back pain: Any back pain requiring review

33. Prolonged motor block motor weakness with no improvement in function at 12 hours

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