

Snapshot Obstetric National Anaesthetic Research Project - SONAR

Case Record Form 1 – Intraoperative data from caesarean delivery

Once an eligible patient has been identified, the anaesthetist clinically present for the case are requested to complete CRF1. Please complete as much of the demographic, obstetric, and anaesthetic information at possible. If there are gaps, please ask the patient where possible.

Part 1- Demographics			
Study ID:	Booking Weight		
Age (years)	BMI		
1st /preferred language: - English - Any language other than English please state.			
Gestational age / 40 Weeks		Gravida	Parity
Past Medical/Obstetric History (please circle all that apply) - calculate Obstetric Co-Morbidity Index			
ASA grade (please circle) Please note- this grade is form 2-4 intentionally as due to the pregnancy patient)	2 3 4		
Cardiovascular <ul style="list-style-type: none"> • Congestive heart failure • Pulmonary Hypertension • Ischaemic heart disease • Cardiac arrythmia • Congenital heart disease and/or valvular disease • Idiopathic Hypertension 	Obstetric <ul style="list-style-type: none"> • Pre-eclampsia with severe features or eclampsia • PET • Gestational hypertension • Multiple gestation • Intrauterine fetal demise • Placenta praevia/accreta/abruption • Previous LSCS/myomectomy • Diabetes on insulin 		
Respiratory <ul style="list-style-type: none"> • Asthma 	Other <ul style="list-style-type: none"> • Autoimmune disease/Lupus • HIV/AIDS • Sickle cell disease, bleeding disorder/coagulopathy/anticoagulation 		



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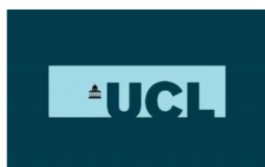


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	<ul style="list-style-type: none"> • Epilepsy/Cerebrovascular disease/neuromuscular disorder • Chronic renal disease • Substance use disorder <p>Alcohol disorder</p>
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Part 2 Obstetric Details			
Gestational age / 40 Weeks		Gravida	Parity
In labour at caesarean delivery? <ul style="list-style-type: none"> - Spontaneous - Induced - Not in labour 		Category of caesarean at delivery? <ul style="list-style-type: none"> - Category 1 - Category 2 - Category 3 - Category 4 	

Part 3 – Labour analgesia (complete if applicable, otherwise leave blank. This excludes non-pharmacological methods, and OTC medication eg. Paracetamol)	
Systemic opioids – please state dose and number of doses <ul style="list-style-type: none"> - Pethidine - Morphine - Diamorphine - Other 	Patient controlled analgesia – circle one <ul style="list-style-type: none"> - Remifentanyl - Other (please specify)
For regional anaesthesia: Please state date/time of insertion - (dd/mm/yyyy) (hh:mm)	
For the primary regional anaesthesia: Please state the grade of inserting clinician: <ul style="list-style-type: none"> - ST1-3 - ST4-7 - Staff grade - Associate Specialist - Consultant 	
Drug used for epidural anaesthesia <ul style="list-style-type: none"> - LDM (0.1% Levo/2mcg/ml Fent) - Other (please state) 	Regime <ul style="list-style-type: none"> - PCEA – bolus and lockout time - CL (ml/hr) - PIEB (mls, interval time) - Other (please describe) - For PCEA+PIEB please fill in both above
If not epidural analgesia, please state here. For example, if a CSE was done please state spinal drugs/dose here and fill in epidural as above. If DPE, or intrathecal catheter, please state what drugs/doses/intervals was used.	
If any, how many clinician boluses were required? Did the regional anaesthesia require reinsertion? - Yes/No If yes – please state date/time of re-insertion(s)	



Please state secondary mode of analgesia used – Epidural/CSE/DPE/intrathecal catheter/other

Part 4 – Previous Psychological disease

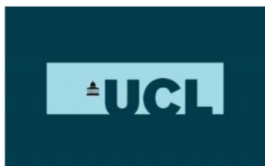
Does the patient have a known documented previous history of:	<ul style="list-style-type: none"> - Anxiety - PTSD - Depression
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Part 5 – Intraoperative details

Date/time of KTS of caesarean (dd/mm/yyyy) (hh:mm)	
Date/time of "TIME OUT" eg. end of caesarean (dd/mm/yyyy) (hh:mm)	
Indication for caesarean (circle all that apply) <ul style="list-style-type: none"> - Previous caesarean - PET - Abnormal placentation - Abnormal presentation - Pelvic/Other MSK indication - Maternal request - Failure to progress - Abnormal CTG - Neonatal medical indication - Maternal medical indication - Other (please state) 	Grade of most senior anaesthetist present during Caesarean: <ul style="list-style-type: none"> - ST1-3 - ST4-7 - Staff grade - Associate Specialist - Trust/locum doctor - Consultant
What was the primary mode of anaesthesia for caesarean? <ul style="list-style-type: none"> - Epidural top up - Spinal - CSE - DPE - Intrathecal catheter/ other (please state) 	Did you have to convert to a different type of anaesthetic before surgical incision? (i.e. failure of primary anaesthetic) If yes, please specify: <ul style="list-style-type: none"> - Unplanned epidural/CSE catheter top up - Repeat spinal - Conversion to GA - Other (please state)

Part 6 – Medication details. This refers to the medication used for the primary mode of anaesthesia for the caesarean

Intrathecal drugs/doses:	
Local anaesthetic drug/dose <ul style="list-style-type: none"> - Heavy Bupivacaine (mg) - Plain bupivacaine (mg) - Levobupivacaine (mg) - Prilocaine (mg) - Other (please specify) 	Opioid drug/dose <ul style="list-style-type: none"> - Morphine (mg) - Fentanyl (mcg) - Diamorphine (mcg) - Other (please state)



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Epidural drugs/doses	
Local anaesthetic drug/doses <ul style="list-style-type: none">- Bupivacaine (mg)- Levobupivacaine (mg)- Ropivacaine (mg)- Lidocaine (mg)- Other please state	Opioid drug/doses <ul style="list-style-type: none">- Fentanyl (mcg)- Morphine (mg)- Diamorphine (mg)- Other please state
Please give total doses for the procedure. If you gave an intrathecal dose, then topping up epidural was PLANNED (eg opioids at the end), please provide all drug/dose details.	

Part 7 – Testing your block. Please tick the table to indicate which modality was used to check your block. You may have used more than one. Please check where your upper dermatomal level was prior to allowing KTS

	Above T2	T2	T3	T4	T5	T6	T7	T8	T9	T10
<i>Cold</i>										
<i>Light touch</i>										
<i>Pinprick</i>										
<i>Other (please specify)</i>										

If Other / Not formally assessed - please state here

Motor Block (please circle) *Unable to move feet or knees / Able to move feet only / Just able to move knees / Full flexion of knees and feet*

Did the patient have intraoperative pain?

Y / N

If yes, complete Section 8

Part 8- Intraoperative record and Breakthrough Pain – Please describe any UNPLANNED analgesia, if you had planned to give analgesia via the epidural at the end, for example, this should be documented in PART 6.

Time patient reports intraoperative	Analgesia / Anxiolytic administered?	Reassurance given	Stage of procedure. Eg KTS, gutters, closing)	All analgesia/ anxiolytic medications administered in response to this report of pain (please document drugs/ doses)	Successful?	GA offered?
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discomfort (hh:mm)						
	Yes / No	Yes / No			Yes / No	Yes / No
	Yes / No	Yes / No			Yes / No	Yes / No
	Yes / No	Yes / No			Yes / No	Yes / No
	Yes / No	Yes / No			Yes / No	Yes / No
Indication for supplemental analgesia (circle all that apply):				<ul style="list-style-type: none"> -Inadequate block from start -Initially adequate but breakthrough pain during procedure -Inadequate duration of block - eg prolonged duration of surgery -Failure of communication between patient and anaesthetist, including pre-operative communication -Inadequate technique for initiating neuraxial anaesthesia – eg, choice to top up instead of intrathecal block. - Other (please specify) 		
Was the primary mode of anaesthesia converted to GA?				Yes / No		
Indication for conversion to GA (circle all that apply)				<ul style="list-style-type: none"> Pain Stage of procedure eg gutters or uterine exteriorisation Surgical request Surgical requirement – e.g. massive haemorrhage, extended length of procedure Anaesthetic complication (eg total spinal) Other please state 		