



**Aneurin Bevan University Health Board**

# **Elective Caesarean Section Pathway**

*N.B. Staff should be discouraged from printing this document. This is to avoid the risk of out of date printed versions of the document. The Intranet should be referred to for the current version of the document.*

## **Contents:**

<b>Introduction .....</b>	<b>3</b>
<b>Statement .....</b>	<b>3</b>
<b>Aims.</b> Error! Bookmark not defined.	
<b>Objectives .....</b>	<b>Error! Bookmark not defined.</b>
<b>Scope</b> Error! Bookmark not defined.	
<b>Roles and Responsibilities .....</b>	<b>3</b>
<b>Main Body.....</b>	<b>Error! Bookmark not defined.</b>
<b>Resources.....</b>	<b>Error! Bookmark not defined.</b>
<b>Training.....</b>	<b>Error! Bookmark not defined.</b>
<b>Initial Assessment .....</b>	<b>Error! Bookmark not defined.</b>
<b>Pre-Op Assessment: Midwife and Doctor .....</b>	<b>5</b>
<b>Obstetric Team Clerking .....</b>	<b>6</b>
<b>Doctor Pre-Op assessment.....</b>	<b>7-13</b>
<b>Recovery.....</b>	<b>14</b>
<b>Postnatal care and discharge .....</b>	<b>15 to 16</b>

## **1. Introduction/Overview**

This guideline provides guidance to midwives, obstetricians and other health care professionals.

## **2. Statement- Purpose / Objectives**

- To ensure standardised best practice for birthing people pre, intra and post operatively and provide safe and holistic care
- To assess the physical and psychological state of the birthing person so that potential problems can be anticipated and prevented

To minimise post-operative complications

To facilitate enhanced recovery after surgery and timely discharge

To ensure compliance with local and national guidelines

## **3. Aims**

To provide support to clinical decision making

To provide support for evidence-based management

## **4. Roles and Responsibilities**

The maternity management team

## **5. Monitoring and Effectiveness:**

Local service improvement plan will guide monitoring and effectiveness. This policy has undergone an equality impact assessment screening process using toolkit designed by NHS centre Equality and Human rights.

## **6. Training**

- Staff are expected to access appropriate training where provided
- Training needs will be identified through appraisal and clinical supervision.

Initial Assessment: At time of Caesarean booking

Date of Booking.....

Named consultant.....

Booked by.....Sign.....

Allergies	
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Indication for Caesarean	
Previous Caesareans (number/ indication/complications)	
Other abdominal Surgeries	
Placental Site	
Special considerations/medical conditions/additional procedures:	

Date of Caesarean.....Booked in MDU Diary? Yes  No

Gestation at delivery..... Antenatal Steroids needed? Yes  No

Other fetal concerns?.....Last USS date.....

-MRSA swab taken <input type="checkbox"/>
-Caesarean leaflet given <input type="checkbox"/>
-Contraception leaflet given <input type="checkbox"/>
-Advised NOT to shave or wax pubic hair for 10 days prior to surgery <input type="checkbox"/>

-Hb check at 34-36/40? Yes <input type="checkbox"/> No <input type="checkbox"/>
Result.....
Repeat Hb if required: Yes <input type="checkbox"/> N/A <input type="checkbox"/>
-IV iron required? Yes <input type="checkbox"/> No <input type="checkbox"/>
Date/time for infusion.....

Caesarean Risk Score (See appendix)

On antenatal thromboprophylaxis? Yes <input type="checkbox"/> No <input type="checkbox"/>
Time to give last dose.....
(Stop prophylactic fragmin 12 hours pre-op and treatment dose 24 hours pre op. Stop Fondaparinux 72 hours preop)

Pre-operative assessment: Midwife

Date.....Completed by.....Grade.....

Signature.....Registration number.....

HR	Resps	Temp	FH
BP	Sats	Urine dip	CTG (if indicated)

MRSA: Positive  Negative  (If positive, contact on call microbiologist for advice)

Bloods taken: FBC  G&S  Contact numbers given

Pre-operative assessment clerking: Doctor

Signature.....GMC number.....

Consent form completed

**Blood group..... Additional antibodies.....**

Check 2 x G&S samples sent	
Omeprazole 20mg x 2 <small>(Night pre &amp; morning of surgery)</small>	
Instructions for pre-op food/ fluids (energy)	
Medication chart	
Regular medications charted	
Antiembotic stockings prescribed	
Thromboprophylaxis stopping instructions <small>(if applicable- see page 2)</small>	

Diabetes? Yes <input type="checkbox"/> No <input type="checkbox"/>
Type? GDM <input type="checkbox"/> Type I <input type="checkbox"/> Type II <input type="checkbox"/>
Metformin <input type="checkbox"/> Insulin <input type="checkbox"/> Diet <input type="checkbox"/>
Sliding scale: Required? Yes <input type="checkbox"/> No <input type="checkbox"/>
Prescribed? Yes <input type="checkbox"/> No <input type="checkbox"/>

Post-natal contraception choice: <small>(circle)</small>			
Mirena	TL	Depot	POP
Implant	Copper coil	None	Undecided

Obstetric team clerking on day of Caesarean

Date..... Time.....Obstetric consultant.....

Consent form validated

Blood: Electronic issue: Yes  No

Crossmatched blood required? Yes  No

RBC Units requested.....

HB
Platelets
Blood Group
15% MBL

Presentation scan if required (eg breech/ twins)	
For tubal ligation or Mirena?	
Cell salvage required in theatre?	

Risk Factors Present	Yes	No	Comment
GDM/ Diabetes			? sliding scale insulin required
Asthma			
PET			
Hypertension			Antihypertensives:
IUGR			Dopplers:
Antenatal Thromboprophylaxis			Time of last dose:

**Birth person's wishes:**

Birth partner name..... Relationship.....

Wishes to see baby at delivery Yes  No

Skin to skin Yes  No

Partner to trim cord Yes  No

Sex of baby known? Yes  No  How to discover?.....

Other requests:.....

**May have clear oral fluids..... Until (time).....**

(Discuss with anaesthetic team if unsure and consider IV fluids if theatre delay)

**Clerking completed by (Obstetric team member):**

Name.....Grade.....Sign.....GMC.....

## Midwife/ theatre pre-operative checklist

Name of person completing.....Role.....Sign.....

CHECK	Ward	Theatre	Pre-Operative obs	
Consent Signed			Temp	
ID Bracelets <input type="checkbox"/> Red Allergy <input type="checkbox"/>			Heart rate	
Consent for blood products			BP	
Body piercing removed			O2 sats	
Cosmetics/ nail varnish Removed			Resp rate	
Shower/bath prior to surgery			Fetal heart	
Antiembotic stockings (TEDS)			CTG	

<b>ALLERGIES</b>	
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PROSTHESIS	Yes	No
Dentures		
Caps/Crowns		
Loose Teeth		
Hearing Aid		
Spectacles		
Contact Lenses		
Inhalers		
Implants		

Documents	
Medical notes	
Prescription chart	
Anaesthetic chart	
<b>Baby documents</b>	
Armbands	
Vit K consent	IM <input type="checkbox"/> PO <input type="checkbox"/>
Yes <input type="checkbox"/> No <input type="checkbox"/>	

FASTING	Date	Time
Food		
Fluids		

Neonatal team required?	
Yes	
No	
Time informed	

### Pressure Ulcer Risk Assessment – PURPOSE T (V2)

Patient name	DOB	Hospital / NHS number	Ward
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#### Step 1 – screening

<b>Mobility status – tick all applicable</b> Needs the help of another person to walk <input type="checkbox"/> Spends all or the majority of time in bed or chair <input type="checkbox"/> Remains in the same position for long periods <input type="checkbox"/> Walks independently with or without walking aids <input type="checkbox"/>	<b>Skin status – tick all applicable</b> Current PU category 1 or above? <input type="checkbox"/> Reported history of previous PU? <input type="checkbox"/> Vulnerable skin <input type="checkbox"/> Medical device causing pressure/shear at skin site e.g. O <sub>2</sub> mask, NG tube <input type="checkbox"/> Normal skin <input type="checkbox"/>	<b>Clinical Judgment – tick as applicable</b> Conditions/treatments which significantly impact the patient's PU risk e.g. poor perfusion, epidurals, oedema, steroids <input type="checkbox"/> No problem <input type="checkbox"/>	No pressure ulcer not currently at risk Tick if applicable <input type="checkbox"/> Not currently at risk pathway
If ANY yellow boxes are ticked, go to Step 2	If ANY yellow or pink boxes are ticked, go to Step 2	If ANY yellow boxes are ticked, go to Step 2	

#### Step 2 – full assessment

Complete ALL sections

<b>Analysis of independent movement</b> Tick the applicable box (where frequency and extent categories meet) Extent of all independent movement Relief of all pressure areas Doesn't move <input type="checkbox"/> Slight position changes N/A Major position changes N/A Frequency of position changes Moves occasionally N/A Moves frequently N/A	<b>Sensory perception and response – tick as applicable</b> No problem <input type="checkbox"/> Patient is unable to feel and/or respond appropriately to discomfort from pressure e.g. CVA, neuropathy, epidural <input type="checkbox"/>	<b>Moisture due to perspiration, urine, faeces or exudate – tick as applicable</b> No problem / Occasional <input type="checkbox"/> Frequent (2–4 times a day) <input type="checkbox"/> Constant <input type="checkbox"/>																																																																								
<b>Perfusion – tick all applicable</b> No problem <input type="checkbox"/> Conditions affecting central circulation e.g. shock, heart failure, hypotension <input type="checkbox"/> Conditions affecting peripheral circulation e.g. peripheral vascular / arterial disease <input type="checkbox"/>	<b>Nutrition – tick all applicable</b> No problem <input type="checkbox"/> Unplanned weight loss <input type="checkbox"/> Poor nutritional intake <input type="checkbox"/> Low BMI (less than 18.5) <input type="checkbox"/> High BMI (30 or more) <input type="checkbox"/>	<b>Diabetes – tick as applicable</b> Not diabetic <input type="checkbox"/> Diabetic <input type="checkbox"/>																																																																								
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Skin site						Pain	Vulnerable skin	PU category	Normal skin																																																																	
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#### Step 3 – assessment decision

If ANY pink boxes are ticked/completed, the patient has an existing pressure ulcer or scarring from previous pressure ulcer.	If ANY orange boxes are ticked (but no pink boxes), the patient is at risk.	If only yellow and blue boxes are ticked, the nurse must consider the risk profile (risk factors present) to decide whether the patient is at risk or not currently at risk.
PU Category 1 or above or scarring from previous pressure ulcers Tick if applicable <input type="checkbox"/>	No pressure ulcer but at risk Tick if applicable <input type="checkbox"/>	No pressure ulcer not currently at risk Tick if applicable <input type="checkbox"/>

Nurse printed name	Nurse signature	Date	Time
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## In theatre: WHO surgical safety pre-op check list

<b>SIGN IN</b> (Say out loud after arrival of patient in theatre)
<input type="checkbox"/> Has the patient confirmed their identity, procedure and consent? <input type="checkbox"/> Is the anaesthetic machine and medication check complete? <input type="checkbox"/> Does the patient have a known allergy? <input type="checkbox"/> Is there a difficult airway risk? <input type="checkbox"/> Are blood products available? <input type="checkbox"/> Has antacid prophylaxis been given? <input type="checkbox"/> Is the resuscitaire checked and ready?
<b>Completed by</b> ..... <b>Role</b> ..... <b>Sign</b> .....



<b>TIME OUT</b> (Say out loud before skin incision)
<input type="checkbox"/> Have all the team members introduced themselves by name and role?
<b>Obstetrician:</b> <input type="checkbox"/> What additional procedures are planned? <input type="checkbox"/> Are there any critical or unusual steps? <input type="checkbox"/> Are there any concerns about the placental site?
<b>Anaesthetist:</b> <input type="checkbox"/> Are there any anaesthetic concerns? <input type="checkbox"/> Have antibiotics been given?
<b>Scrub practitioner:</b> <input type="checkbox"/> Has the sterility of instruments been confirmed? <input type="checkbox"/> Are there any equipment issues or concerns?
<b>Midwife:</b> <input type="checkbox"/> Are cord blood samples needed? <input type="checkbox"/> Is the urinary catheter draining? <input type="checkbox"/> Has VTE prophylaxis been undertaken?
<b>Completed by</b> ..... <b>Role</b> ..... <b>Sign</b> .....

In theatre: To be completed by Midwife

Time In to theatre	
Time Anaesthetic commenced	
Time Anaesthetic completed (checked and ready)	

Fetal heart checked post anaesthetic  Rate.....

Theatre Resuscitaire checked

Checked by: Name.....Signature.....

IV Cannula Insertion			
<b>Date:</b>	<b>Time:</b>	<b>Site:</b>	
Hand hygiene. <input type="checkbox"/>	Skin prep. <input type="checkbox"/>	PPE <input type="checkbox"/>	Dressing <input type="checkbox"/>
Inserted by:		Role:	Signature:

Urinary Catheter Insertion for Elective Caesarean			
DATE:	TIME:	LOCATION:	
NAME (Print):		SIGNATURE:	
INSERTION TECHNIQUE	YES	NO	IF NOT – WHY NOT? PLEASE STATE REASON
• Hand hygiene performed prior to insertion			
• Apron/Gown worn			
• Sterile gloves worn			
• Sterile Field/drapes insitu			
• Urethral meatus cleaned with sterile normal saline			
• Saline/ Instagel lubricant used			
• Balloon inflated with 10ml sterile saline			
Informed Consent			
Eye/facial protection required if risk of splash			
Retention Residual Volume (ml)		Place Catheter tracer stickers here	

Intra operative: To be completed by theatre runner

Designation	Name
Supervising consultant	
Surgeon	
Surgical Assistant	
Anaesthetist (1)	
Anaesthetist (2)	
ODP	
Scrub nurse	
HCA/ runner	
Recovery Nurse	
Midwife	
Other	

<i>(Twin 2 in shaded areas)</i>	Time
Knife to skin	
Knife to uterus	
Baby/ babies delivered	
Cord clamping (Minutes after delivery)	
Placenta(s) delivered	
Skin closed	

Cell salvage used? YES  NO

If yes: Volume collected


Volume reinfused

Total measured blood loss (including cell salvage)

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**Post operative checklist**

Catheter draining?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Clear <input type="checkbox"/> Bloodstained <input type="checkbox"/>
Drain in situ	Yes <input type="checkbox"/> No <input type="checkbox"/>	Size:
Bakri balloon	Yes <input type="checkbox"/> No <input type="checkbox"/>	Armband <input type="checkbox"/>
Vaginal pack (s)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Number: Armband(s) <input type="checkbox"/>
Syntocinon infusion?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Skin integrity checked?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Comments:
Obs Cymru pathway used?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Completed? Yes <input type="checkbox"/> No <input type="checkbox"/>

**Pressure Ulcer Risk Assessment – PURPOSE T (V2)**

Patient name	DOB	Hospital / NHS number	Ward
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**Step 1 – screening**

<p><b>Mobility status</b> – tick all applicable</p> <p>Needs the help of another person to walk <input type="checkbox"/></p> <p>Spends all or the majority of time in bed or chair <input type="checkbox"/></p> <p>Remains in the same position for long periods <input type="checkbox"/></p> <p>Walks independently with or without walking aids <input type="checkbox"/></p> <p><b>If ANY yellow boxes are ticked, go to step 2</b></p>	<p><b>Skin status</b> – tick all applicable</p> <p>Current PU category 1 or above? <input type="checkbox"/></p> <p>Reported history of previous PU? <input type="checkbox"/></p> <p>Vulnerable skin <input type="checkbox"/></p> <p>Medical device causing pressure/shear at skin site e.g. O<sub>2</sub> mask, NG tube <input type="checkbox"/></p> <p>Normal skin <input type="checkbox"/></p> <p><b>If ONLY blue box is ticked</b></p> <p><b>If ANY yellow or pink boxes are ticked, go to step 2</b></p>	<p><b>Clinical Judgment</b> – tick as applicable</p> <p>Conditions/treatments which significantly impact the patient's PU risk e.g. poor perfusion, epidurals, oedema, steroids <input type="checkbox"/></p> <p>No problem <input type="checkbox"/></p> <p><b>If ONLY blue box is ticked</b></p> <p><b>If ANY yellow boxes are ticked, go to step 2</b></p>	<p><b>No pressure ulcer not currently at risk</b></p> <p>Tick if applicable <input type="checkbox"/></p> <p><b>Not currently at risk pathway</b></p>
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**Step 2 – full assessment** Complete ALL sections

<p><b>Analysis of independent movement</b></p> <p>Tick the applicable box (where frequency and extent categories meet)</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2"></th> <th colspan="3">Extent of all independent movement Relief of all pressure areas</th> </tr> <tr> <th colspan="2"></th> <th>Doesn't move</th> <th>Slight position changes</th> <th>Major position changes</th> </tr> <tr> <th rowspan="3">Frequency of position changes</th> <th>Doesn't move</th> <td><input type="checkbox"/></td> <td>N/A</td> <td>N/A</td> </tr> <tr> <th>Moves occasionally</th> <td>N/A</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <th>Moves frequently</th> <td>N/A</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>			Extent of all independent movement Relief of all pressure areas					Doesn't move	Slight position changes	Major position changes	Frequency of position changes	Doesn't move	<input type="checkbox"/>	N/A	N/A	Moves occasionally	N/A	<input type="checkbox"/>	<input type="checkbox"/>	Moves frequently	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>Sensory perception and response</b> – tick as applicable</p> <p>No problem <input type="checkbox"/></p> <p>Patient is unable to feel and/or respond appropriately to discomfort from pressure e.g. CVA, neuropathy, epidural <input type="checkbox"/></p>	<p><b>Moisture due to perspiration, urine, faeces or exudate</b> – tick as applicable</p> <p>No problem / Occasional <input type="checkbox"/></p> <p>Frequent (2–4 times a day) <input type="checkbox"/></p> <p>Constant <input type="checkbox"/></p> <p><b>Diabetes</b> – tick as applicable</p> <p>Not diabetic <input type="checkbox"/></p> <p>Diabetic <input type="checkbox"/></p>																																																																																																					
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<p><b>Perfusion</b> – tick all applicable</p> <p>No problem <input type="checkbox"/></p> <p>Conditions affecting central circulation e.g. shock, heart failure, hypotension <input type="checkbox"/></p> <p>Conditions affecting peripheral circulation e.g. peripheral vascular / arterial disease <input type="checkbox"/></p>	<p><b>Nutrition</b> – tick all applicable</p> <p>No problem <input type="checkbox"/></p> <p>Unplanned weight loss <input type="checkbox"/></p> <p>Poor nutritional intake <input type="checkbox"/></p> <p>Low BMI (less than 18.5) <input type="checkbox"/></p> <p>High BMI (30 or more) <input type="checkbox"/></p>	<p><b>Medical device</b> – tick as applicable</p> <p>No problem <input type="checkbox"/></p> <p>Medical device causing pressure/shear at skin site e.g. O<sub>2</sub> mask, NG tube <input type="checkbox"/></p>																																																																																																																												
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For each skin site tick applicable column – either vulnerable skin, normal skin or record PU category</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Skin site</th> <th rowspan="2">Pain</th> <th rowspan="2">Vulnerable skin</th> <th rowspan="2">PU category</th> <th rowspan="2">Normal skin</th> <th rowspan="2">Skin site</th> <th rowspan="2">Pain</th> <th rowspan="2">Vulnerable skin</th> <th rowspan="2">PU category</th> <th rowspan="2">Normal skin</th> <th rowspan="2">Skin site</th> <th rowspan="2">Pain</th> <th rowspan="2">Vulnerable skin</th> <th rowspan="2">PU category</th> <th rowspan="2">Normal skin</th> </tr> <tr> <th> </th><th> </th><th> </th><th> </th><th> </th><th> </th><th> </th><th> </th></tr> </thead> <tbody> <tr> <td>Sacrum</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> <td>R Hip</td><td><input type="checkbox"/></td><td><input 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**Step 3 – assessment decision**

<p><b>If ANY pink boxes are ticked/completed, the patient has an existing pressure ulcer or scarring from previous pressure ulcer.</b></p> <p><b>PU Category 1 or above or scarring from previous pressure ulcers</b></p> <p>Tick if applicable <input type="checkbox"/></p>	<p><b>If ANY orange boxes are ticked (but no pink boxes), the patient is at risk.</b></p> <p><b>No pressure ulcer but at risk</b></p> <p>Tick if applicable <input type="checkbox"/></p>	<p><b>If only yellow and blue boxes are ticked, the nurse must consider the risk profile (risk factors present) to decide whether the patient is at risk or not currently at risk.</b></p> <p><b>No pressure ulcer not currently at risk</b></p> <p>Tick if applicable <input type="checkbox"/></p>
--	--	---

Nurse printed name	Nurse signature	Date	Time
--------------------	-----------------	------	------

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<b>Post operative counts checked, and correct?</b>		
<b>Swabs</b>	<b>Needles</b>	<b>Instruments</b>
Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Scrub nurse</b>	<b>Name</b>	<b>Signature</b>
<b>Runner</b>	<b>Name</b>	<b>Signature</b>
<b>Instrument traceability stickers (attach below)</b>		

## In theatre: WHO surgical safety post-op check list

<b>SIGN OUT</b> (Say out loud before the woman leaves theatre)	
<b>Practitioner verbally confirms with team:</b>	
<input type="checkbox"/>	Has the name of the procedure and any additional procedures been recorded?
<input type="checkbox"/>	Are swabs, instruments and sharps correct?
<input type="checkbox"/>	Have specimens been labelled?
<input type="checkbox"/>	Has blood loss been recorded?
<b>Obstetrician, Anaesthetist and Midwife:</b>	
<input type="checkbox"/>	Key concerns for recovery?
<input type="checkbox"/>	Has VTE prophylaxis been prescribed?
<b>Anaesthetist and theatre team:</b>	
<input type="checkbox"/>	Have any equipment problems been identified that need to be addressed?
<b>Midwife:</b>	
<input type="checkbox"/>	Has the baby/babies been labelled?
<input type="checkbox"/>	Have relevant cord bloods been taken?
<input type="checkbox"/>	Have cord gases been recorded?
<b>Completed by</b> .....	
<b>Role</b> .....	
<b>Sign</b> .....	

DATIX required? YES  NO  Completed? YES  NO

DATIX number:..... Completed by:.....

Baby summary and checklist: Midwife

**Patient discharged from theatre on ORMIS**

*(Twin 2 in shaded area if applicable)*

**Date of birth:**   
 **Time of birth:**   
 **Weight:**

**Cord pH:** Venous   
 Arterial

**Apgar scores:** 1 min   
 5 min   
 10min

Seen by neonatal team? Yes  No  Admitted to SCBU? Yes  No

Abnormalities detected? Yes  No

Comments:.....  
 .....

**Placenta:** Placenta complete? Yes  No

Comments.....

Microbiology swabs sent? Yes  No

Placenta sent for histology? Yes  No

**Membranes:** complete? Yes  No  Comments.....

**Rh Status:** Positive  Negative.  **Kleihaur taken?** Yes  No

*(Remember to ensure that samples are labelled at bedside and checked that details are correct before sending to blood bank)*

<b>Vitamin K given</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>	IM <input type="checkbox"/> Oral <input type="checkbox"/>
<b>Skin to skin</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Time commenced:
<b>First feed</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>	BF <input type="checkbox"/> AF <input type="checkbox"/> Time:
<b>Observations required</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Details:

Completed by: Name.....Designation.....Sign.....

## Post-operative care: Recovery

<b>Recovery checklist</b>		
MEOWS commenced	Time:	Normal <input type="checkbox"/> Abnormal. <input type="checkbox"/>
Catheter draining?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Clear <input type="checkbox"/> Bloodstained <input type="checkbox"/>
Skin to skin facilitated	Yes <input type="checkbox"/> No <input type="checkbox"/>	If no, reason:
First feed for baby	Time:	BF <input type="checkbox"/> AF <input type="checkbox"/>
Oral fluids given (aim asap post op*)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Time:
Wound checked	Time:	Intact <input type="checkbox"/> Concerns <input type="checkbox"/>
PV loss checked	Time:	Additional MBL: <span style="float: right;">ml</span>
<b>TOTAL MBL</b>	ml	

<b>Handover to Post Op ward/HDU</b>		
Anaesthetic type		Spinal morphine? Yes <input type="checkbox"/> No <input type="checkbox"/>
Catheter draining?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Plan for removal:
Drain in situ?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Plan for removal:
Bakri balloon?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Plan for removal:
Vaginal pack (s)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Number..... Plan for removal:
Syntocinon infusion?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Time to stop:
MgSo4 infusion?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Time to stop:
Antibiotics prescribed?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Time to review:
VTE prophylaxis required?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Time to administer:
Comments/ additional info		
<b>Recovery Nurse/midwife</b>	Name Signature	<b>POSW Nurse/midwife</b> Name Signature



## Post-natal care and discharge

<b>Enhanced recovery after surgical delivery checklist</b>			
*Routine care in uncomplicated cases unless post operative plan states otherwise			
Eating and drinking	Yes <input type="checkbox"/> No <input type="checkbox"/>	Time:	
Mobilised <small>(Aim within 12 hours*)</small>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Time:	
Venous canula removed? <small>(Aim within 6 hours if no concerns*)</small>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Time:	
Urinary catheter removed <small>(Aim within 6 hours unless otherwise stated*)</small>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Time:	
Urine void meets discharge criteria <small>(If no, refer to failed TWOC pathway*)</small>	Yes <input type="checkbox"/> No <input type="checkbox"/>		
TTH completed <small>(Aim post op day 0)</small>	Yes <input type="checkbox"/> No <input type="checkbox"/>		
FBC taken: <small>(Aim before 10am post op day 1*)</small>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Time:	HB:
<b>POSW</b> Nurse/midwife	Name  Signature		

<b>Post-natal contraception</b>	
<b>Advised to avoid pregnancy for at least 12 months post C/S</b> Yes <input type="checkbox"/> No <input type="checkbox"/>	
Contraception discussed	Yes <input type="checkbox"/> No <input type="checkbox"/>
Contraception choice <small>(Please circle. If Depo or implant given before discharge, record below)</small>	<div style="display: flex; justify-content: space-between;"> <span>Mirena inserted at C/S</span> <span>POP</span> <span>Declined</span> </div> <div style="display: flex; justify-content: space-between;"> <span>Copper coil inserted at C/S</span> <span>Deporovera</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>For Mirena/coil &gt;6 weeks post-natal (GP)</span> <span>Implant</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <span>For COCP &gt;6 weeks post-natal (GP)</span> </div>
LARC/ prescription given before discharge?	Yes <input type="checkbox"/> No <input type="checkbox"/> Details:
Advise coil check 6 weeks PN if Mirena/ coil	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<b>POSW</b> Nurse/midwife/doctor	Name  Signature

Obstetric debrief and review			
<b>Patient debriefed</b> (tick one and record details in op note or patient notes)	In theatre <input type="checkbox"/>	In recovery <input type="checkbox"/>	On ward <input type="checkbox"/>
<b>Suitable for VBAC?</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Details of complications	
<b>Suitable for midwife led discharge?</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>		
<b>Obstetric review required?</b> (Record on post-natal review proforma)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Completed <input type="checkbox"/>	

<b>Anaesthetic review</b> (recorded separately)	Completed <input type="checkbox"/>	Suitable for discharge? Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Anaesthetic team</b>	<b>Name:</b>  <b>Signature:</b>	

Discharge Checklist		
Oral analgesia prescribed	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Oral iron required?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Details:
IV iron infusion required?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Details:
<b>Thromboprophylaxis</b> (assessment completed and fragmin prescribed if applicable)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Details:
<b>Antibiotics</b> (Reviewed and prescribed if applicable)	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	Details:
<b>Antihypertensives</b> (Reviewed and prescribed if applicable)	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	Details:
<b>Patients with GDM</b> (Advised to have fasting glucose checked in 6 weeks with GP)	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	Details:
<b>Regular medications reviewed/prescribed</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>	
<b>Completed by</b>	<b>Name:</b>  <b>Signature:</b>	

## Appendix 1: Elective caesarean risk score

Elective Caesarean Section Risk Score Chart	
Breech Maternal request Gestational diabetes/Type 1/ Type 2 Previous 3 <sup>rd</sup> /4 <sup>th</sup> degree tear Previous traumatic delivery Prematurity 34+ to 37 weeks Maternal red cell antibodies requiring X matched blood	Patient score: 1
BMI >35-40 Prematurity 28+0 to 33+6 weeks Small or clinically significant fibroids One previous caesarean section Unstable/transverse lie	Patient score: 2
BMI >40-45 Multiple pregnancy Tubal ligation/salpingectomy/cystectomy 2 x previous caesarean sections Prematurity under 28+0 weeks	Patient score: 3
Previous midline laparotomy Placenta praevia High risk of abdominal adhesions BMI > 45-50 3 x previous caesarean sections Birthing person declining blood products/ cell salvage Spinal injury patient	Patient score: 4
BMI >50 4 or more previous caesarean sections	Patient score: 5
Placenta accreta	Patient score: 6

## Appendix 2: Waterlow score tool

**WATERLOW PRESSURE ULCER PREVENTION/TREATMENT POLICY**  
 RING SCORES IN TABLE, ADD TOTAL. MORE THAN 1 SCORE/CATEGORY CAN BE USED

BUILD/WEIGHT FOR HEIGHT	SKIN TYPE VISUAL RISK AREAS	SEX AGE	MALNUTRITION SCREENING TOOL (MST) (Nutrition Vol.15, No.6 1999 - Australia)	
AVERAGE BMI = 20-24.9	HEALTHY TISSUE PAPER	0 MALE 1 FEMALE	1 A - HAS PATIENT LOST WEIGHT RECENTLY	B - WEIGHT LOSS SCORE
ABOVE AVERAGE BMI = 25-29.9	DRY	1 14 - 49	2 YES - GO TO B	0.5 - 5kg = 1
OBESSE BMI > 30	OEDEMATOUS CLAMMY, PYREXIA	2 50 - 64	3 NO - GO TO C	5 - 10kg = 2
BELOW AVERAGE BMI < 20	DISCOLOURED GRADE 1	3 65 - 74	4 UNSURE - GO TO C AND SCORE 2	10 - 15kg = 3
BMI = Wt(Kg)/Ht (m) <sup>2</sup>	BROKEN/SPOTS GRADE 2-4	4 75 - 80	5 C - PATIENT EATING POORLY OR LACK OF APPETITE	> 15kg = 4
		5 81 +	'NO' = 0; 'YES' SCORE = 1	unsure = 2
				NUTRITION SCORE If > 2 refer for nutrition assessment / intervention
<b>CONTINENCE</b>	<b>MOBILITY</b>	<b>SPECIAL RISKS</b>		
COMPLETE/ CATHETERISED	FULLY RESTLESS/FIDGETY	<b>TISSUE MALNUTRITION</b>	<b>NEUROLOGICAL DEFICIT</b>	
URINE INCONT.	1 APATHETIC	8 TERMINAL CACHEXIA	8 DIABETES, MS, CVA	4-6
FAECAL INCONT.	2 RESTRICTED	8 MULTIPLE ORGAN FAILURE	8 MOTOR/SENSORY	4-6
URINARY + FAECAL INCONTINENCE	3 BEDBOUND e.g. TRACTION	5 SINGLE ORGAN FAILURE (RESP, RENAL, CARDIAC,)	5 PARAPLEGIA (MAX OF 6)	4-6
	4 CHAIRBOUND e.g. WHEELCHAIR	5 PERIPHERAL VASCULAR DISEASE	<b>MAJOR SURGERY or TRAUMA</b>	
<b>SCORE</b>		5 ANAEMIA (Hb < 8)	5 ORTHOPAEDIC/SPINAL	5
<b>10+ AT RISK</b>		2 SMOKING	2 ON TABLE > 2 HR#	5
<b>15+ HIGH RISK</b>			1 ON TABLE > 6 HR#	8
<b>20+ VERY HIGH RISK</b>			MEDICATION - CYTOTOXICS, LONG TERM/HIGH DOSE STEROIDS, ANTI-INFLAMMATORY MAX OF 4	

# Scores can be discounted after 48 hours provided patient is recovering normally

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 Obtainable from the Nook, Stoke Road, Henlade TAUNTON TA3 5LX  
 \* The 2005 revision incorporates the research undertaken by Queensland Health.  
 www.judy-waterlow.co.uk