

# Care of Pregnant women admitted outside of the Maternity Unit (ED and elsewhere within UHL) - Trust wide

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## **1. Introduction and Who Guideline applies to**

This guideline is for the care of pregnant and postnatal (up to and including 42 days postpartum) people of any age admitted outside the Maternity Service, and is therefore for all Nursing, Midwifery and Medical (obstetric and non-obstetric) staff employed throughout UHL.

Pregnant women and people, regardless of their age, may require admission outside Maternity with conditions that are not directly related to pregnancy, and may need to be cared for in appropriate specialist areas elsewhere in the Trust. In many cases of minor or transient non obstetric illness, formal obstetric input may not be required. However, given that pregnancy may impact on maternal physiology and disease process, fetal condition, and, on the other hand, concomitant illness may impact on care provision and management planning in terms of future ante and peri-partum care, it is essential that all pregnant and recently postnatal women and people who are significantly unwell are notified to the Obstetric team, regardless of where they will be admitted within the Trust.

## **2. Guideline Standards and Procedures**

Pregnant and postnatal people of any age (up to 42 days post-partum) may be admitted to the UHL with pregnancy related or non-obstetric problems.

*The following principles should apply in all settings:*




- All persons in the reproductive age group who are admitted outside maternity should be asked about the possibility of pregnancy and/or having recently given birth, and a pregnancy test should be performed where appropriate.

- In all pregnant women and people who suffer significant abdominal trauma or injury, including blunt trauma, Rhesus incompatibility should be considered and Obstetric advice regarding need for anti-D Ig should be sought if there is any uncertainty.
- Emergency or life-saving treatment (and/or relevant investigations and imaging) in pregnant women and people with non-obstetric illness/trauma should NOT be delayed because of pregnancy. The duty of care is primarily to the pregnant woman or person. In most instances there will be time to seek obstetric advice where required, in others obstetric intervention may be necessary to improve outcome of the treatment. See [referral pathways](#) for appropriate action to take in this case.
- Where there is uncertainty as to the safety of specific investigations in pregnancy, obstetric opinion should be sought to discuss risk / benefit balance in a timely manner to avoid delay in essential investigations or treatment.
- If, following assessment, diagnosis remains unclear, consider senior doctor to senior doctor discussion to consider differential diagnosis and appropriate management/referral.

## **Referral Pathways:**

### **2.1 Emergency Department (referral pathway 1)**

- a. **Pregnancy related condition at <16 weeks gestation** (e.g. vaginal bleeding, abdominal pain, severe hyperemesis, collapse in early pregnancy with suspected ectopic) - these patients are assessed by ED clinical staff and initial treatment is provided if required. They are then referred to the **Gynaecology Assessment Unit (GAU)** by contacting GAU directly on extension **16259/17793** or ext **16305** emergency number in urgent cases. For further information refer to the following:

-  [Hyperemesis Gravidarum and Vomiting UHL Gynaecology Guideline](#)
-  [Miscarriage UHL Gynaecology Guideline](#)
-  [Ectopic Pregnancy UHL Gynaecology Guideline](#)

LMP is not a good way of assessing gestational age. Palpation of the uterus will provide more information. If uterus not palpable it is likely to be less than 16 weeks gestation.

- b. **Pregnancy related condition at ≥ 16 weeks gestation and up to and including 42 days post-partum** (e.g. symptoms and signs of severe pre-eclampsia/eclampsia, ante- or postpartum haemorrhage, signs of labour, puerperal sepsis) - these patients are assessed by ED clinical staff and initial urgent treatment is provided if required. ([See Appendix 1 & 2 for further details](#)).
- They are then referred to **Maternity Assessment Unit (MAU)** at LRI via Nerve Centre. In patients who are very unwell (significant haemorrhage, collapse, eclamptic seizures, severe sepsis) phone the Obstetric Emergency Phone ext **17765** or fast bleep Obstetric Emergency Team via **2222**. The patients may need to be assessed and managed initially in ED, or transferred directly to Delivery Suite, depending on clinical circumstances. Pregnant women or people attending with abdominal pain and PV loss and not unwell should be referred to MAU via Nerve Centre.
- c. **Women or people with a pregnancy of any gestation and up to and including 42 days post-partum with clinically significant non obstetric illness/trauma.**

These patients are assessed by ED clinical staff and initial urgent treatment is provided as required. Investigations and management, including referral to the relevant specialist, should follow usual ED guidance. All these patients should be assessed using MEOWS ([Appendix 1 & 2](#)) and NOT NEWS. Additionally, ALL pregnant and postnatal women and people unwell enough to require admission to the hospital should be notified to the obstetric team by contacting the Maternity Bleep Holder (on bleep 4001), who will inform key members of the obstetric team. In the case of acutely ill or collapsed pregnant women and people who require urgent obstetric input/fetal assessment and/or a perimortem Caesarean section in ED, ring Obstetric Emergency Phone ext **17765** or fast bleep Obstetric Emergency Team via **2222**.

## **2.2 Clinical areas/Acute wards within the UHL other than ED (referral pathway 2)**

- a. **Pregnant people at any gestation** with clinically significant non obstetric illness who require admission to the UHL (any site) should be notified to the obstetric team by contacting the Maternity Bleep Holder (on bleep **4001**), who will in turn inform key members of the obstetric team at the relevant UHL site (please note that there is an obstetric on call team at both LRI and LGH).

It is the responsibility of the relevant clinical area's nursing and medical staff to notify the Maternity Bleep Holder.

## **3. Obstetric Action in Pregnant Women with Non-obstetric illness/trauma**

- Once contacted, specific action by the Obstetric Team will depend on the nature and severity of the episode. This may include one or more of the following measures:
  - i. Immediate review of patient in ED/other clinical area/acute ward where necessary, by Obstetrician and/or Midwife as appropriate
  - ii. Plan is made for review at a later date, after treatment for non-obstetric problem has been commenced. This may include fetal monitoring.
  - iii. Plan for follow up in Maternity if condition may potentially impact on future antenatal or peripartum care
  - iv. Telephone advice where appropriate
- Where a Maternity Bleep Holder is notified, they should in turn inform Delivery Suite Co-ordinator at relevant site (LRI for patients admitted to LRI and Glenfield, LGH for patients admitted to LGH) and the on-site Obstetric team.
- Where the patient requires urgent review and Obstetric Emergency team is contacted by ED clinicians, the Consultant Obstetrician should be informed by the Senior Registrar/Registrar or Senior Midwife immediately via emergency number on delivery suite 17765.
  - Where Senior Obstetric input is urgently required and the Consultant Obstetrician for the site is not immediately available, escalation as per [Referral Handover of Care and Transfer UHL Obstetric Guideline](#) **Trust ref: C101/2008** should be implemented.
- The patient's details and location should be documented and noted in the Outlier section of D/S Board at relevant site (LRI D/S for people admitted to LRI/Glenfield, LGH D/S for people admitted at LGH).

- The patient should be discussed on each Ward round with Senior Obstetric staff and a plan should be made for Midwifery or Obstetric medical input if required.
- A follow up plan should be made where the patient requires antenatal or peripartum care beyond that offered as routine (e.g. anaesthetic assessment, additional clinic appointments, specialist services, delivery planning).

### **Perimortem Caesarean Section**

When a cardiac arrest occurs in a pregnant woman or person of any age, standard resuscitation guidelines apply. However, in pregnancies >20 weeks gestation, venous return and cardiac output is compromised by the gravid uterus.

Success of CPR and maternal survival increases if the uterus is emptied. Where cardiac arrest occurs and cardiac output is not restored by **4 minutes** of CPR, a Caesarean section should be considered and performed at **5 minutes** of resuscitation effort.

This procedure is done to save the pregnant person, and not on behalf of the fetus. The viability or condition of the fetus is not a consideration in this scenario. As the pregnant person would lack capacity in this situation, unless there is an advanced directive to the contrary, the uterus should be emptied in the pregnant persons best interest. The neonatal team should be called to assess the newborn, even at gestations below 24 weeks, in case of inaccurate dates.

**If this occurs in the community then Maternity Team should be informed as soon as possible.**

**Contact the Obstetric Emergency Team via 2222.**

### **3. Education and Training**

No specific training requirements outside those pertaining to related guidelines.

### **4. Monitoring Compliance**

<b>What will be measured to monitor compliance</b>	<b>How will compliance be monitored</b>	<b>Monitoring Lead</b>	<b>Frequency</b>	<b>Reporting arrangements</b>
Admission with non- obstetric problem to: <ul style="list-style-type: none"> <li>- ED</li> <li>- Elsewhere in the Trust</li> </ul> Did the patient fulfil criteria to be notified to Obstetric team?  If yes, Was patient notified to the obstetric team?  If patient required Obstetric review (not just phone advice), were they reviewed?	Retrospective review of health records	Senior Midwives for Intrapartum and Inpatient Services	Biannually (every two years)	Maternity Service Governance Group

## **5. Supporting References**

1. CMACE (2011) Saving Mothers' Lives: Reviewing maternal deaths to make motherhood safer—2006–08 The Eighth Report of the Confidential Enquiries into Maternal Deaths in the United Kingdom. CMACE PAT/T 37 v.4 Page 8 of 13
2. Confidential Enquiry into Maternal and Child Health (CEMACH) (2007) Saving mother's lives. Reviewing maternal deaths to make motherhood safer – 2003-2005. London: CEMACH [Online]. Available from: [www.cemach.org.uk](http://www.cemach.org.uk)
3. Confidential Enquiry into Maternity and Child Health. (2004). Why Mothers Die 2000-2002. London: RCOG Press. Confidential Enquiry into Stillbirths and Deaths in Infancy (CESDI) (2001) 8th Annual Report into Stillbirths and Deaths in Infancy. London: CEMACH
4. Saving lives, Improving Mother's care. Maternal, Newborn, Infant clinical Outcome Review Programme. Lessons learned to inform maternity care from the UK and Ireland Confidential Enquiries into Maternal Deaths and Morbidity 2015 – 2017. MBRRACE UK. (November 2019).

## **6. Key Words**

Emergency Department, Gynaecology, Perimortem Caesarean Section, Trauma

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**The Trust recognises the diversity of the local community it serves. Our aim therefore is to provide a safe environment free from discrimination and treat all individuals fairly with dignity and appropriately according to their needs. As part of its development, this policy and its impact on equality have been reviewed and no detriment was identified.**

### **EDI Statement**

We are fully committed to being an inclusive employer and oppose all forms of unlawful or unfair discrimination, bullying, harassment and victimisation.

It is our legal and moral duty to provide equity in employment and service delivery to all and to prevent and act upon any forms of discrimination to all people of protected characteristic: Age, Disability (physical, mental and long-term health conditions), Sex, Gender reassignment, Marriage and Civil Partnership, Sexual orientation, Pregnancy and Maternity, Race (including nationality, ethnicity and colour), Religion or Belief, and beyond.

We are also committed to the principles in respect of social deprivation and health inequalities.

Our aim is to create an environment where all staff are able to contribute, develop and progress based on their ability, competence and performance. We recognise that some staff may require specific initiatives and/or assistance to progress and develop within the organisation.

We are also committed to delivering services that ensure our patients are cared for, comfortable and as far as possible meet their individual needs.

<b>CONTACT AND REVIEW DETAILS</b>			
<b>Guideline Lead (Name and Title)</b> <b>Author/Original Working Party:</b> Consultant Obstetricians, Consultant in emergency medicine, Consultants in Anaesthesia, Senior Midwives			<b>Executive Lead</b> Chief Medical Officer
<b>Details of Changes made during review:</b>			
<b>Date</b>	<b>Issue Number</b>	<b>Reviewed By</b>	<b>Description Of Changes (If Any)</b>
September 2012	<b>2</b>	L Matthews and A Akkad	Methods of contacting obstetric team simplified
September 2017	<b>3</b>	L Matthews, A Akkad, M Wiese	New flow charts. General review and further clarity added
Feb 2021	<b>4</b>	Humera Ansar, Fran Hills, Nichola Ling and Pauline Coser. Alasdair Moffat	Referral pathways reviewed and clarified, new flow charts added. Methods of contacting Obstetric Team via Nerve Centre. ED management flow charts updated
Jan 2022	<b>4.1</b>	Fiona Ford	Obstetric emergency contact number updated
April 2024	<b>4.2</b>	L Matthews	New Sepsis chart added
January 2025	<b>5</b>	F Hills – Consultant	Added statement; If, following assessment, diagnosis remains unclear, consider senior doctor to senior doctor discussion to consider differential diagnosis and appropriate management/referral

# Appendix 1: LRI ED Department Decision aid for major trauma or critical illness in the pregnant patient

A Moffat. Design courtesy of Martin Wiese Version 01 Trust Ref B32/2011

## LRI Emergency Department Decision aid for major trauma or critical illness in the pregnant patient

Use for all pregnant patients >16+0 wks to 42 days postpartum presenting with medical / surgical problem or trauma

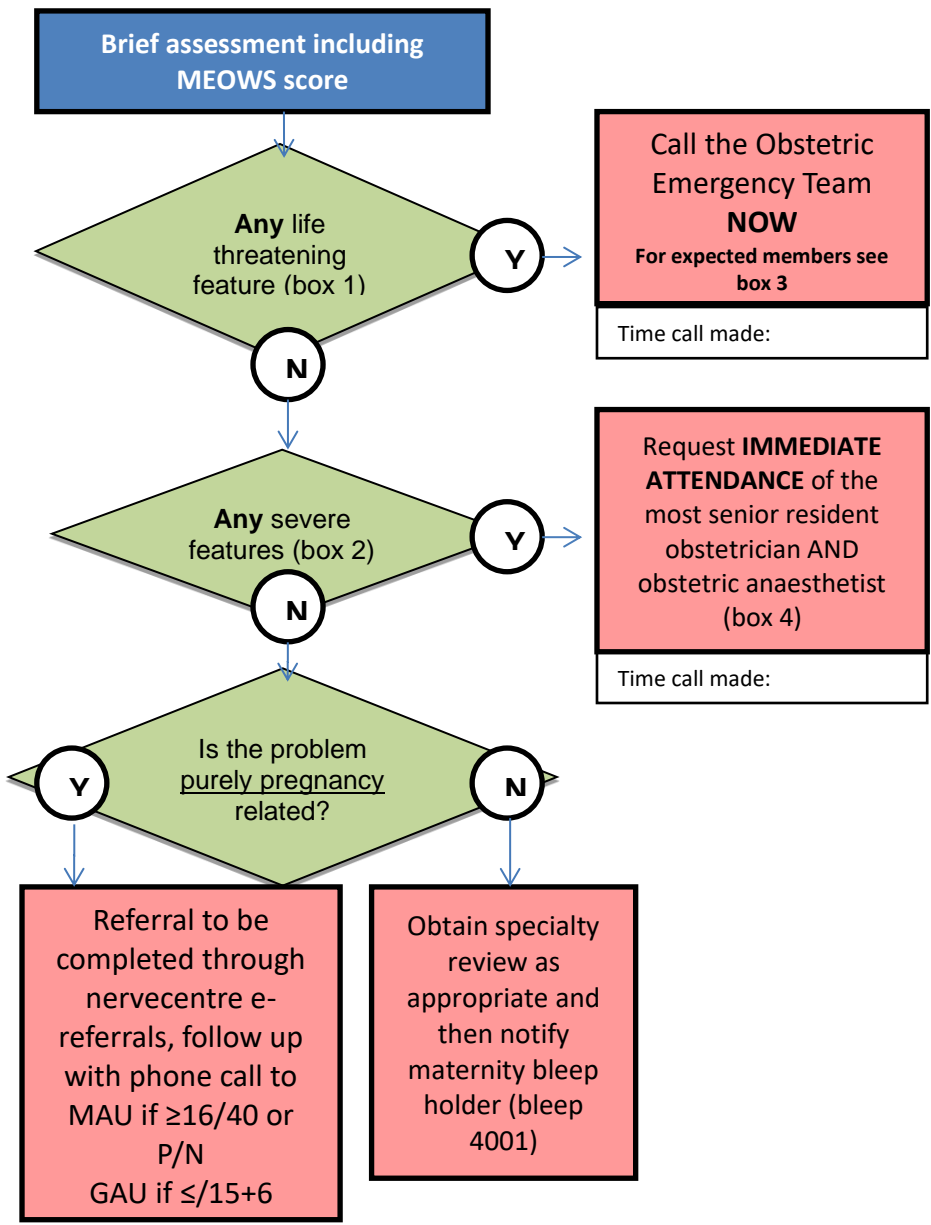
App UHL PGC, ED, MAT GOV On March 2025 Review due March 2030

Seen by: \_\_\_\_\_  
**Grade:** \_\_\_\_\_  
**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

**Patient Details**

Full Name: \_\_\_\_\_  
 DoB: \_\_\_\_\_  
 Unit number: \_\_\_\_\_

(Use sticker if available)



- BOX 1: Life threatening features**
- Periarrest/Arrest
  - Vaginal bleeding >1000ml antenatal >1500ml postnatal (see appendix 2)
  - Eclampsia
  - Any trauma requiring ER
  - Significant trauma to the abdomen
  - Any medical condition requiring critical care transfer
  - Surgical condition requiring immediate operation
  - GCS <8
  - Any severe feature where intrauterine death is suspected or confirmed

- BOX 2: Severe features**
- Confusion or reduced conscious level (GCS <12)
  - Vaginal bleeding
    - 50-1000ml antenatal
    - 500ml postnatal (appendix 2)
  - Systolic Hypertension >160 mmhg
  - MEOWS >6

**Box 3: Obstetric Emergency Team**  
 Obstetric SR, Registrar & Junior  
 Obstetric Anaesthetist  
 Obstetric Theatre Team  
 Neonatologist  
 NB Consultant Obstetrician does NOT carry crash bleep, can be contacted on mobile via switch

**Box 4: Obstetric team contact:**  
 8am-10pm Obstetric consultant via switchboard  
 22:00-08:00 SR bleep 4294  
 Labour ward red phone 17765  
 Obs Anaesthesia contact  
 08:00-22:00 Consultant obstetric anaesthetist via switchboard  
 22:00-08:00 SR bleep 4127  
 Escalate to on-call consultant via switchboard if no timely response from either team

Whilst awaiting obstetric team

- Site two large bore cannulae
- Obtain bloods including G&S
- Insert urinary catheter with hourly bag
- If >20 weeks gestation, use left lateral tilt or manual uterine displacement
- Continue management as per non-pregnant patient

**DO NOT DELAY ANY EMERGENCY INVESTIGATIONS OR LIFESAVING TREATMENTS DUE TO PREGNANCY**

# Appendix 2: LRI Emergency Department Management of Post-Partum

A Moffat. Design courtesy of Martin Wiese Version 01  
Trust Ref B32/201 1

**LRI Emergency Department Management of Post-Partum Haemorrhage in the Emergency Department**

For patients who have bled more than 500ml after delivery, or have ongoing bleeding

Approved UHL PGC, ED, MAT GOV  
On March 2025 Review due March 2030

Seen by: \_\_\_\_\_  
Grade: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Patient Details**

Full Name: \_\_\_\_\_  
DoB: \_\_\_\_\_  
Unit number: \_\_\_\_\_

(Use sticker if available)

**MAJOR PPH**  
Request **IMMEDIATE ATTENDANCE** of the most senior resident obstetrician AND obstetric anaesthetist. Complete actions from box 2

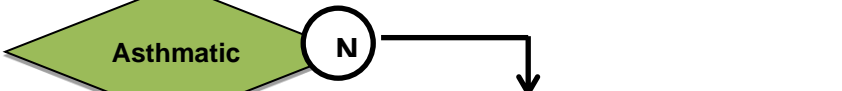
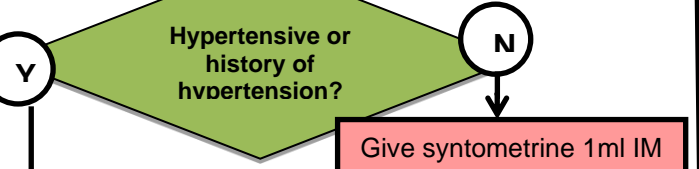
Time call made: \_\_\_\_\_

**MASSIVE PPH**  
Call the Obstetric Emergency Team **NOW**. Complete actions from box 1

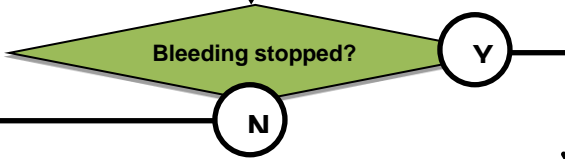
Time call made: \_\_\_\_\_



Give oxytocin 10 units IM and tranexamic acid 1g IV



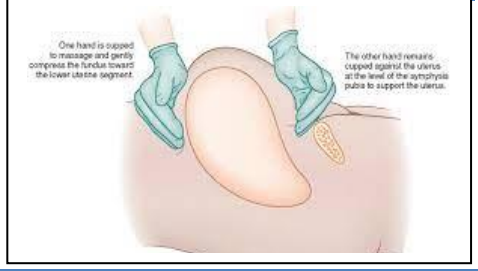
**Carboprost 250microgram IM**   
Can be repeated at 15 minute intervals to a maximum of 8 times



Misoprostol 800microgram PR  
Other interventions will be dictated by the senior obstetric team

Monitor MEOWS  
15 minute observations  
Transfer to labour ward when safe

- Box 1: Massive PPH Bundle**
- Give O2 15l/min via NRB
  - Site 2 large bore cannulae
  - Crossmatch 6 units
  - Commence IV fluid resuscitation
  - Declare major haemorrhage protocol via 2222
  - Empty the bladder
  - Palpate uterus to "rub-up" contraction
  - Bimanual compression (externally)



- Box 2: Major PPH Bundle**
- Give supplemental oxygen
  - Site 2 large bore cannulae
  - Crossmatch 4 units
  - Empty the bladder
  - Commence IV fluids
  - Record fluid balance, with accurate estimation of blood loss

Medications given	Time
<input type="checkbox"/> Tranexamic Acid 1g IV	_____
<input type="checkbox"/> Oxytocin 10microgram IM	_____
<input type="checkbox"/> Syntometrine 1ml IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Carboprost 250microgram IM	_____
<input type="checkbox"/> Misoprostol 800mcg PR	_____

Also prescribe on prescription chart

NB: Paper copies of this document may not be most recent version. The definitive version is held on ONE Connect in the [Guidelines Library](#)





## Modified Obstetric Early Warning Score (MEOWS):

	Date:																			
	Time:																			
Respiratory Rate	>30																			3
	26-30																			2
	21-25																			1
	11-20																			0
Temperature	<10																			3
	>39																			2
	38-38.9																			1
	37-37.9																			0
	36-36.9																			0
Heart rate	35-35.9																			1
	<34.9																			2
	>170																			3
	160-169																			3
	150-159																			3
	140-149																			3
	130-139																			3
	120-129																			2
	110-119																			2
	100-109																			1
	90-99																			0
	80-89																			0
	70-79																			0
	60-69																			0
Systolic BP	50-59																			1
	40-49																			1
	<39																			2
	>200																			3
	190-199																			3
	180-189																			3
	170-179																			3
	160-169																			3
	150-159																			2
	140-149																			1
	130-139																			0
	120-129																			0
	110-119																			0
	100-109																			0
	90-99																			1
	Diastolic BP	80-89																		
70-79																				2
60-69																				3
50-59																				3
<49																				3
>130																				3
120-129																				3
110-119																				3
100-109																				2
90-99																				1
Neuro response	80-89																			0
	70-79																			0
	60-69																			0
	50-59																			0
Total MEOVS	40-49																			1
	<39																			1
	Alert																			0
	Voice																			1
Initial/signature	Pain																			2
	Unresponsive																			3

SEPSIS SCREENING TOOL ACUTE ASSESSMENT

PREGNANT - OR UP TO 6 WEEKS POST-PREGNANCY

University Hospitals  
of Leicester  
NHS Trust

NAME:  DATE OF BIRTH: <small>Affix hospital label if available</small>  HOSPITAL NUMBER:	DATE: _____ TIME: _____  NAME:  DESIGNATION:  SIGNATURE: _____
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## 01 START THIS CHART IF THE PATIENT LOOKS UNWELL OR MEOWS HAS TRIGGERED 4 OR MORE

**CONSIDER RISK FACTORS FOR SEPSIS:**

Impaired Immunity (e.g. diabetes, steroids, chemotherapy)	IV Lines / Catheters / IDU / broken skin
Recent trauma / surgery / invasive procedure	

## 02 COULD THIS BE DUE TO AN INFECTION?

**LIKELY SOURCE:**

<input type="checkbox"/> Respiratory	<input type="checkbox"/> Urine	<input type="checkbox"/> Infected caesarean / perineal wound
<input type="checkbox"/> Breast abscess	<input type="checkbox"/> Abdominal pain / distension	<input type="checkbox"/> Chorioamnionitis / endometritis
<input type="checkbox"/> Other: _____		

YES  
 NO  
**SEPSIS UNLIKELY, CONSIDER OTHER DIAGNOSIS**

## 03 ANY RED FLAG PRESENT?

<input type="checkbox"/> Objective evidence of new or altered mental state
<input type="checkbox"/> Systolic BP $\leq 90$ mmHg (or drop of $>40$ from normal)
<input type="checkbox"/> Heart rate $\geq 130$ per minute
<input type="checkbox"/> Respiratory rate $\geq 25$ per minute
<input type="checkbox"/> Needs O <sub>2</sub> to keep SpO <sub>2</sub> $\geq 92\%$
<input type="checkbox"/> Non-blanching rash / mottled / ashen / cyanotic
<input type="checkbox"/> Lactate $\geq 2$ mmol/l*
<input type="checkbox"/> Not passed urine in 18 hours ( $<0.5$ ml/kg/hr if catheterised)

\*Lactate may be raised in 6h immediately after normal delivery

## HIGH RISK SEPSIS

This is a time critical condition, immediate action is required!  
**START SEPSIS 6 BUNDLE NOW!** (see over to 6)

Inform RESIDENT ST3 and above


Inform DART : Bleep 5293 (LRI ward), 3808 (OH), 3457 (LOH); Dial #16826 (LRI ED)

Time Zero  :  :  (EQ: time of admission / start time of first red flag)

Target Time  :  :  (Time when sepsis six to be complete. Time zero plus 1 hr)

Delivery of Sepsis Six by junior staff must not be delayed. Resident senior doctor review can stop the process on the following grounds:

 Patient is end of life  
 Patient low suspicion of infection  
 Red Flag due to chronic disease
 



SIGNATURE & GRADE	SIGNATURE	DATE & TIME
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## 04 ANY AMBER FLAG PRESENT?

<input type="checkbox"/> Acute deterioration in functional ability
<input type="checkbox"/> Respiratory rate 21-24
<input type="checkbox"/> Heart rate 100-129 or new dysrhythmia
<input type="checkbox"/> Systolic BP 91-100mmHg
<input type="checkbox"/> Has had invasive procedure in last 6 weeks (e.g. CS, forceps delivery, BPPV, cerclage, CVS, miscarriage, termination)
<input type="checkbox"/> Has diabetes or gestational diabetes
<input type="checkbox"/> Close contact with Group A Strep.
<input type="checkbox"/> Prolonged rupture of membranes
<input type="checkbox"/> Bleeding / wound infection
<input type="checkbox"/> Offensive vaginal discharge
<input type="checkbox"/> Non-reassuring CTG / fetal tachycardia $>160$

## FURTHER REVIEW REQUIRED:

YES

- SEND BLOODS AND REVIEW RESULTS
- ENSURE ST3+ CLINICAL REVIEW within 1HR

Time Review  :  :

ANTIBIOTICS REQUIRED:  YES  NO

NO AMBER FLAGS = ROUTINE CARE /CONSIDER OTHER DIAGNOSIS

09/2024

# SEPSIS SIX BUNDLE



Sepsis  
Frequently Asked Questions

Complete in **ONE HOUR**. Actions should be carried out simultaneously.

Use sepsis box / pack to support delivery of sepsis six

## 01 ENSURE SENIOR CLINICIAN ATTENDS

- Not all patients with RED FLAGS will need the 'SEPSIS 6' URGENTLY
- A senior decision maker may seek alternative diagnoses / De-escalate care
- Record decisions below

TIME REVIEWED	REASON NOT REVIEWED
NAME	
GRADE	

## 02 OXYGEN IF REQUIRED

- Start if  $\text{O}_2$  saturations less than 92% – Aim for  $\text{O}_2$  saturations of 94-98%
- If at risk of hypercarbia aim for saturations of 88-92%

TIME ADMINISTERED	REASON NOT ADMINISTERED
NAME	

## 03 OBTAIN IV ACCESS, TAKE BLOODS

- Blood cultures, blood glucose, Lactate, FBC, U&Es, CRP and clotting
- Lumbar puncture if indicated

TIME OBTAINED	REASON NOT OBTAINED WITHIN 1 HOUR OF TIME ZERO
NAME	

## 04 GIVE IV ANTIBIOTICS

- Maximise dose broad spectrum therapy
- Consider: Local policy / Allergy status / Antivirals

TIME GIVEN	REASON NOT GIVEN
NAME	

## 05 GIVE IV FLUIDS CAUTION: Pre-eclampsia - Consider appropriateness of fluid bolus

- Give fluid bolus of 500ml
- Nice recommends using lactate to guide further fluid therapy

TIME ADMINISTERED	REASON NOT ADMINISTERED
NAME	

## 06 MONITOR

- Use MEOWS
- Measure urinary output: This may require a urinary catheter. Repeat lactate at least once per hour if initial lactate elevated or if clinical conditions change

TIME STARTED	REASON NOT STARTED
NAME	

ESCALATION

### CRITICAL CARE MEDICAL TEAM refer if patient:

- SBP <90 and lactate >2 after fluid resuscitation
- Has High Risk Sepsis and lactate >4
- Has High Risk Sepsis and requires >50%  $\text{O}_2$  or NIV
- Has High Risk Sepsis and significant respiratory/ cardiovascular/ CNS or renal dysfunction.

TIME REFERRED	REASON NOT REFERRED
NAME OF REFEREE	
NAME OF ICU DOCTOR	

REVIEW

### SEPSIS TIME OUT

Complete within 14hr of time zero, led by a consultant

Diagnosis? Has source of infection been confirmed? Alternative Diagnosis? Further investigation required?

Antibiotic review. Continue? / change agent? / change route to oral? / Stop all antibiotics?

Source control. Infected line needs removal? Need for urgent surgical review? Percutaneous drainage?

Higher level of Care? DART / ICU medical review? Review ceiling of care, RESPECT? Patient transferred to ITU?

09/2024