



**Maternity Education Program**

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# **Undiagnosed Breech**

## **Facilitator Resource Kit**

**CSDS**



Clinical Skills Development Service



## Maternity Education Program

The resources developed for MEP (Maternity Education Program) are designed for use in any Queensland Health facility that care for patients/women who are pregnant/birthing or postnatal. Each resource can be modified by the facilitator and scaled to the needs of the learner as well as the environment in which the education is being delivered, from tertiary to rural and remote facilities.



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### Breech – Facilitator Resource Kit

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An electronic version of this document is available via <https://csds.qld.edu.au/mep>.

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## Who is this resource kit for?

This resource kit provides healthcare workers with knowledge and skills on assessing and managing an undiagnosed breech presentation during labour and birth.

### Target audience

Midwifery and medical staff providing maternity care

### Duration

45 mins – including simulation and debrief (15 min set up not included)

### Group size

Suited to small groups (6 – 8)

### Learning objectives

By the end of the session the learner should be able to:

- Prepare resources to manage a safe vaginal breech birth.
- Provide appropriate information and support for a woman with a breech presentation, and her support person.
- Manage a breech birth.
- Prepare for a possible neonatal resuscitation.

### Facilitation guide

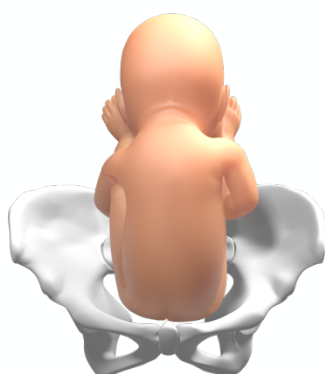
1. Provide Participant Resource Kit to the learner.
2. Utilise 2D pictures and 3D animation and to demonstrate a breech birth.
3. Utilise the PowerPoint (Obcast) to assist learners prior to session.
4. Conduct a pre-simulation briefing and deliver the breech birth scenario.
5. Conduct group debrief following simulation.

### Supporting documents

1. Participant Resource Kit
2. Interactive 3D animation tool and 2D pictures
3. List of further readings
4. Undiagnosed breech simulation



# Overview



**Breech presentation** is when the fetus is lying longitudinally with its bottom and/or feet presenting first to the lower part of the mother's uterus.

Babies in a breech presentation during labour and vaginal delivery are at increased risk compared to babies in a cephalic presentation. This is because the largest part of the baby - the baby's head - presents last which may lead to complications during the birth process.

Caesarean section is often recommended as a safer method of birth for a breech presentation, but it also carries risks for the mother both immediately and for future pregnancies.

While vaginal breech birth may be safely completed, women need to be carefully selected for their suitability, and thoroughly counselled. They need to labour and birth where appropriate facilities and personnel are available (1).

Breech presentation occurs in 3–4% of term deliveries and is more common in preterm deliveries and nulliparous women. Breech presentation is associated with uterine and congenital abnormalities and has a significant recurrence risk. Term breech presentations tend to have a poorer outcome than cephalic presenting babies, irrespective of the mode of delivery.

A large reduction in the incidence of planned vaginal breech birth followed publication of the Term Breech Trial. Nevertheless, many babies continue to be born via vaginal breech delivery. Lack of practitioner experience has led to a loss of skills essential for these deliveries (2).

Types of breech presentation (see page 5):

- Frank breech (50-70%) - hips flexed, knees extended
- Complete breech (5-10%) - hips flexed, knees flexed
- Incomplete (10-30%) - one or both hips extended, foot presenting or knee presenting.

**Obstetric Emergency** is any clinical situation involving a maternity patient where immediate medical/ midwifery assistance is required.

## Further readings and resources

Management of breech presentation at term	
Author	The Royal Australian and New Zealand College of Obstetricians and Gynaecologists (RANZCOG)
Link	<a href="https://ranzcof.edu.au/RANZCOG_SITE/media/RANZCOG-MEDIA/Women%27s%20Health/Statement%20and%20guidelines/Clinical-Obstetrics/Management-of-breech-presentation-at-term-(C-Obs-11)-Review-July-2016.pdf?ext=.pdf">https://ranzcof.edu.au/RANZCOG_SITE/media/RANZCOG-MEDIA/Women%27s%20Health/Statement%20and%20guidelines/Clinical-Obstetrics/Management-of-breech-presentation-at-term-(C-Obs-11)-Review-July-2016.pdf?ext=.pdf</a>

Management of Breech Presentation, Green-top Guideline No. 20b	
Author	Royal College of Obstetricians & Gynaecologists
Link	<a href="https://obgyn.onlinelibrary.wiley.com/doi/epdf/10.1111/1471-0528.14465">https://obgyn.onlinelibrary.wiley.com/doi/epdf/10.1111/1471-0528.14465</a>

Fetal Presentation, Pregnancy Care Guideline	
Author	Australian Government Department of Health
Link	<a href="https://www.health.gov.au/resources/pregnancy-care-guidelines/part-j-clinical-assessments-in-late-pregnancy/fetal-presentation">https://www.health.gov.au/resources/pregnancy-care-guidelines/part-j-clinical-assessments-in-late-pregnancy/fetal-presentation</a>



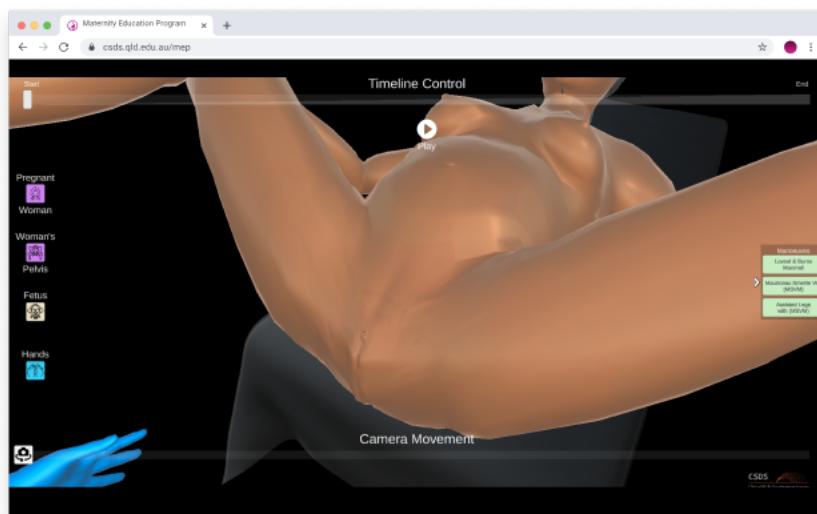
# Emergency Management

## Interactive 3D animation tool

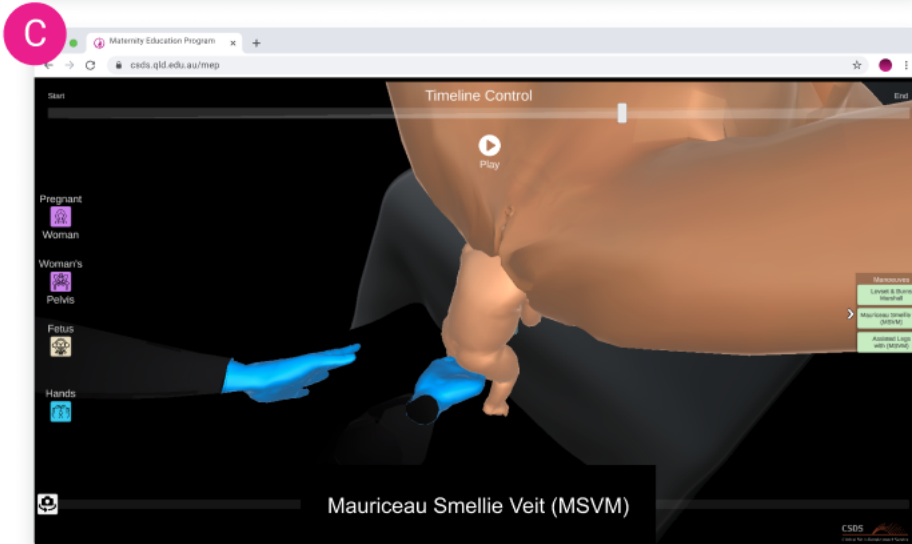
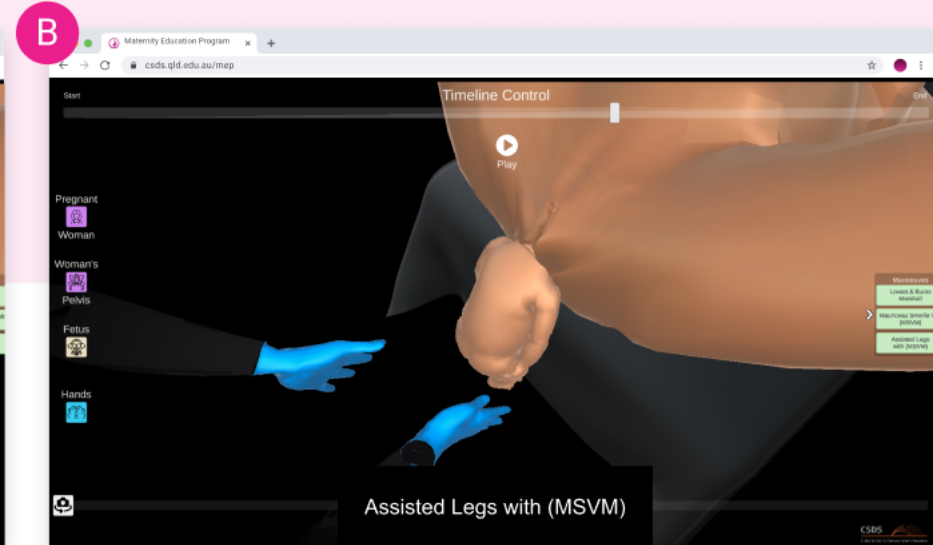
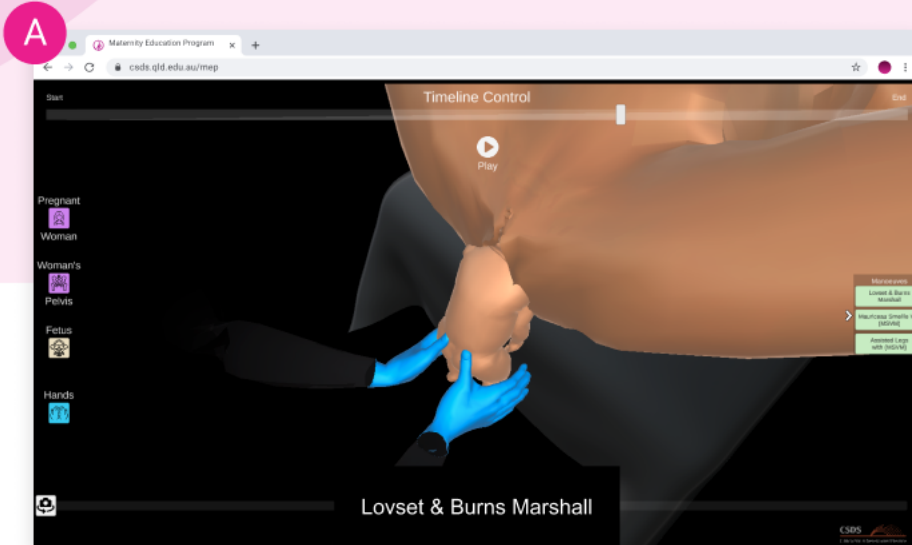
The interactive 3D animation tool was developed so it can be used as a training aid to teach the mechanisms and manoeuvres of a vaginal breech birth.

This interactive animation requires a modern browser capable of running WebGL. To check if your browser supports WebGL, visit <https://get.webgl.org/>.

Access the tool via <https://bit.ly/2GlXy6a>.



## Notes on the interactive 3D animation


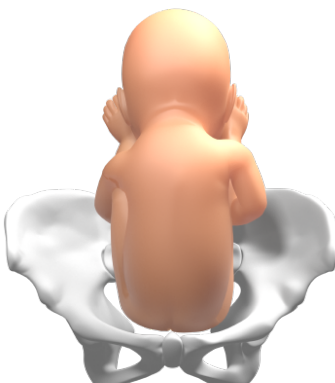


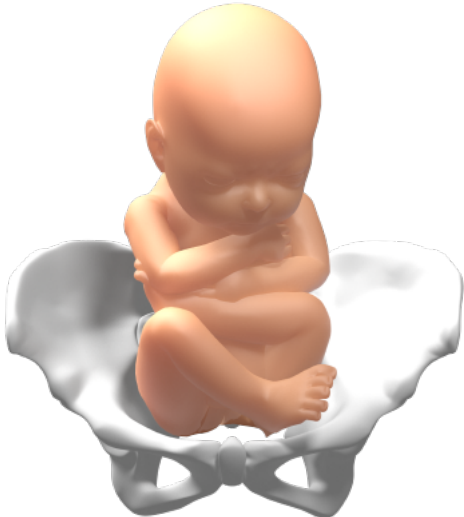
In vaginal breech birth, allow as much spontaneous delivery by uterine action and maternal effort as possible. Intervention should be limited to manoeuvres designed to correct any deviation from the normal mechanism of delivery.

### After the delivery of fetal arms:

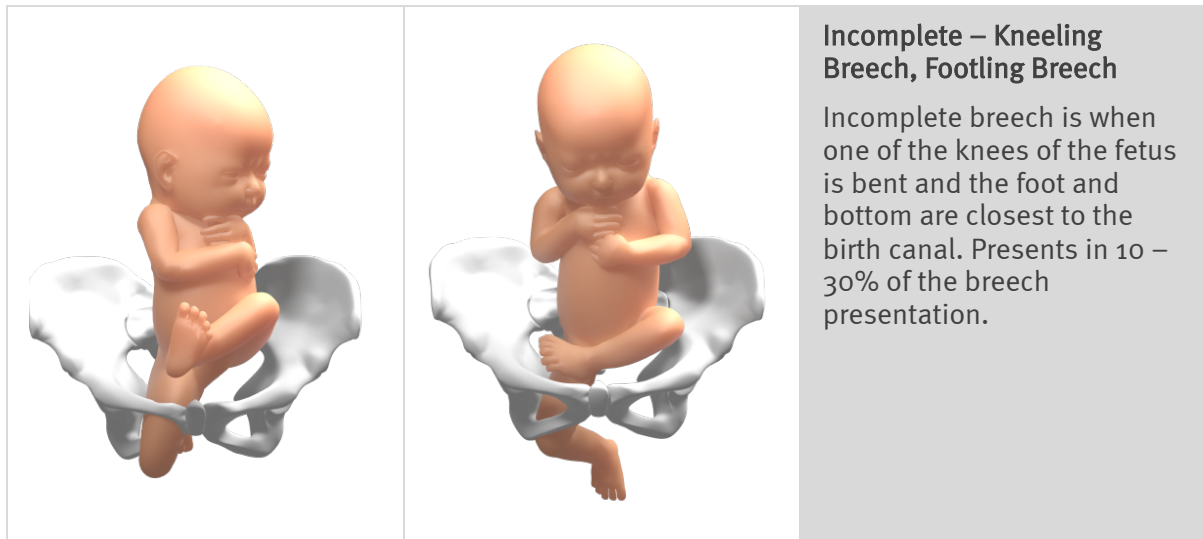
- The fetal body should be allowed to hang from the vulva for a few seconds until the nape of the neck (hairline) is visible at the anterior vulva this flexes the head to allow descent. Please refer to screen captures A, B, and C.
- Once the fetal occiput has descended underneath the symphysis, the head may be delivered.

## Breech presentations

 <p>Sacrum Posterior Position (SPP)</p>	 <p>Sacrum Anterior Position (SAP)</p>	<p><b>Frank Breech</b></p> <p>A frank breech is the most common breech presentation especially at full term. Of the 3-4 % of term breech births, the fetus is in the frank breech position 50-70 % of the time.</p> <p>A frank breech is when the fetus' bottom is presenting, and the legs are straight up, with the feet near the head.</p>
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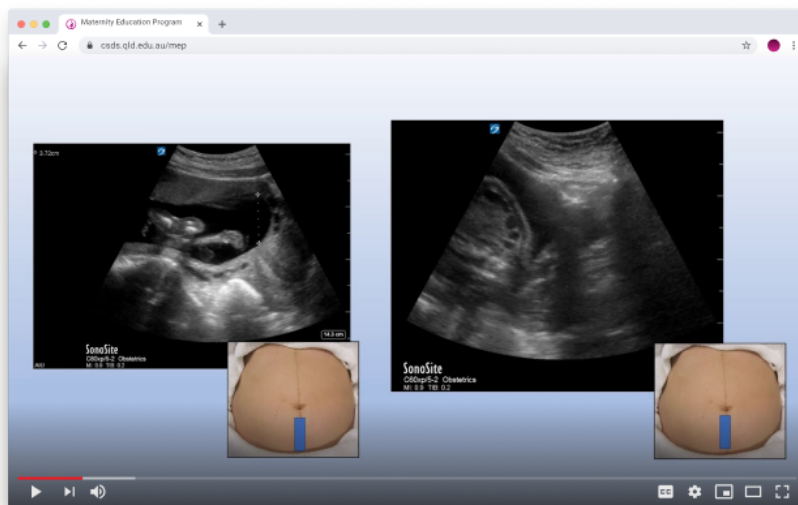
	<p><b>Complete Breech</b></p> <p>Complete breech is when both of the fetus' knees are bent and the feet and bottom are closest to the birth canal. Presents in 5 – 10% of the breech presentations.</p>
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**Online video about vaginal breech birth**

Watch Obcast’s online video about vaginal breech birth at <https://bit.ly/3kTulhU>. This video is flagged as age-restricted and requires a viewer to sign in to confirm their age.



**!** Age-restricted video. Please sign in your Youtube account to confirm your age.





# Simulation Event

This section contains the following documents:

1. Pre-simulation briefing poster
2. Immersive in-situ scenario
3. Physical resources
4. Human resources
5. Simulated patient script information
6. Handover card
7. Additional information
8. Stage 1 – Initial assessment
9. Stage 2 – Ongoing management
10. Stage 3 – Resolution

# Pre-simulation Briefing

Establishing a safe container for learning in simulation.



## 1 Clarify objectives, roles and expectations

- Introductions.
- Learning objectives.
- Assessment (formative vs summative).
- Facilitators and learners' roles.
- Active participants vs observers.

## 2 Maintain confidentiality and respect

- Transparency on who will observe.
- Individual performances.
- Maintain curiosity.

## 3 Establish a fiction contract

- Seek a voluntary commitment between the learner and facilitator.
- Ask for buy-in.
  - Acknowledge limitations.

## 4 Conduct a familiarisation

- Manikin/simulated patient.
- Simulated environment.
- Calling for help.

## 5 Address simulation safety

- Identify risks.
- Medications and equipment.
  - Electrical or physical hazards.
  - Simulated and real patients.

**Note:** Adjust the pre-simulation briefing to match the demands of the simulation event, contexts or the changing of participant composition.

Adapted from Rudolph, J., Raemer, D. and Simon, R. (2014). Establishing a Safe Container for Learning in Simulation. Simulation in Healthcare: Journal of the Society for Simulation in Healthcare, 9(6), pp.339-349.

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## Scenario

<b>Type</b>	Immersive in-situ scenario
<b>Target audience</b>	Obstetric medical staff and midwives
<b>Overview</b>	<p>Birth suite, woman in labour</p> <p><b>Situation:</b> A multiparous woman in spontaneous labour with an undiagnosed breech presentation.</p> <p><b>Background:</b></p> <ul style="list-style-type: none"> <li>• 24-year-old G3P2. 38/40 gestation. Low risk pregnancy.</li> <li>• Hb 126 @ 36/40</li> <li>• Pos</li> <li>• GBS Negative</li> <li>• All other serology NAD</li> <li>• Allergies – Nil</li> <li>• Nil medical history</li> </ul> <p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• Obs. NAD.</li> <li>• CTG normal.</li> <li>• VE 45 minutes ago – 4cm dilated, fully effaced, bulging membranes, presenting part not defined 2-3cm above.</li> <li>• Contractions 3:10 moderate, lasting 50 sec.</li> </ul> <p><b>Recommendations:</b></p> <ul style="list-style-type: none"> <li>• Transfer to birth suite for labour care.</li> <li>• Requesting an epidural.</li> </ul>
<b>Learning objectives</b>	<p>Participants are required to</p> <ul style="list-style-type: none"> <li>• Prepare resources to manage a safe vaginal breech birth.</li> <li>• Provide appropriate information and support for a woman with a breech presentation, and her support person.</li> <li>• Manage a breech birth.</li> <li>• Prepare for possible neonatal resuscitation.</li> </ul>
<b>Duration</b>	<p>Pre-brief: 10 minutes  Orientation: 5 minutes  Simulation: 15 mins  Debrief: 15 mins  Total: 45 mins (add 15 minutes for set up)</p>

## Physical resources

<b>Room set up</b>	Standard birth suite set up
<b>Simulator/s</b>	Simulated patient <i>or</i> Manikin (including software) with birthing peri and pregnant abdomen
<b>Simulator/s setup</b>	<p><b>If working with a simulated patient</b></p> <ul style="list-style-type: none"> <li>• Simulated patient is in a hospital gown walking around with term size pregnant abdomen.</li> <li>• Part task trainer to the side of the bed with a fetus in a Frank breech position, ready to place on the bed, a bloody ‘show’ on pad.</li> </ul> <p><i>OR</i></p> <p><b>If using a manikin</b></p> <ul style="list-style-type: none"> <li>• Manikin semi recumbent in bed in a hospital gown with fetus in a Frank breech position.</li> <li>• Bloody ‘show’ on pad.</li> </ul>
<b>Clinical equipment</b>	<ul style="list-style-type: none"> <li>• Standard birth suite room</li> <li>• Routine birth suite set up</li> </ul>
<b>Access</b>	Nil
<b>Other</b>	Pregnancy Health Record, chart and relevant paperwork for emergency management

## Human resources

<b>Faculty</b>	x2 Facilitators (Obstetric Reg/ Consultant and midwife with debriefing experience) to take on roles of scenario lead and primary debriefer
<b>Simulation Coordinators</b>	<b>If using a manikin</b> – x1 SimCo for manikin set up and control manikin software during scenario
<b>Confederates</b>	<p><b>If working with a simulated patient:</b></p> <ul style="list-style-type: none"> <li>• Simulated patient x1, plus a midwife as a support person. Confederate to push out the fetus breech.</li> <li>• Facilitator to provide handover to midwife taking over care.</li> </ul>
<b>Other</b>	Midwife x1 to receive the handover. The other midwives and doctors are outside the room, to be called in as needed.

## Simulated patient script information

You are Sarah ..... You're having your third baby. You have presented in early labour as your last labour was only three hours and you don't want to be caught out at home.

You are starting to become uncomfortable since the vaginal examination (pace up and down). Request to use the gas and mention an epidural. You really would like to have the epidural as labour is getting stronger. Go out to the toilet where you spontaneously rupture your membranes, the fluid looks a bit brown with flecks present. You worried as you don't think it looks normal.

Your contractions start coming really quickly after this. Start sucking on the gas and request an epidural again. Move around constantly as you are unable to get comfortable. As they prepare to put you on a monitor start to experience some rectal pressure, no urges to push yet but act as though you are in transition, you cannot stay still, you are breathing hard and the contractions feel relentless.

Have a few 'heavy' contractions then start pushing. Progress to a vaginal breech birth.

## Handover card

	<b>Introduction</b>	This is Sarah this is ... <staff name>
<b>S</b>	<b>Situation</b>	Sarah has just arrived in birth suite from the assessment area in labour.
<b>B</b>	<b>Background</b>	<ul style="list-style-type: none"> <li>• G3P2 38/40 gestation</li> <li>• Spontaneous labour started three (3) hours ago</li> <li>• Uneventful pregnancy</li> <li>• Nil medical or social history</li> <li>• Partner is on his way in</li> <li>• Last Hb 12.6,</li> <li>• GBS unknown,</li> <li>• Other bloods NAD</li> <li>• A Pos. USS NAD</li> </ul>
<b>A</b>	<b>Assessment</b>	<ul style="list-style-type: none"> <li>• Obs NAD</li> <li>• CTG normal</li> <li>• VE 45 minutes ago – 4cm dilated, fully effaced bulging membranes, presenting part not defined -2-3cm above</li> <li>• Contractions 3:10 moderate lasting 50 sec</li> </ul>
<b>R</b>	<b>Recommendation</b>	Sarah requesting pain relief has expressed a wish for an epidural but is happy to start with 'gas'.

## Additional information

Name	Sarah Wells
Age	24 years old
Sex	Female
Weight	68 kg

Allergies	Nil known
Medications	Nil
Medical/Surgical	Nil
Social History/Employment	Stay at home mum
Partner's name	James

Pregnancy history	G3P2
Blood Group	O Pos antibodies Neg
Hb	126 – 36 weeks
Serology	Neg
Rubella	Immune
GBS	Unknown

X2 previous SVDs no complications

State 1: Initial assessment				
Vital signs		Script	Details	Expected actions
RR	22	<p><b>Sarah:</b></p> <ul style="list-style-type: none"> <li>Irritable but does respond to questions.</li> <li>Requesting pain relief, requests gas and an epidural.</li> <li>Focused on breathing hard during contractions – using gas.</li> </ul> <p><b>Support person</b> Reminding Sarah to relax between, offer support.</p>	<p><b>Introduction</b></p> <p>This is Sarah this is .... &lt;staff name&gt;</p> <p><b>Situation</b></p> <p>3rd baby in spontaneous labour 4cm 45 mins ago.</p> <p><b>Background</b></p> <ul style="list-style-type: none"> <li>24-year-old G3P2. 38/40 gestation. Low risk pregnancy.</li> <li>Hb 126 @ 36/40</li> <li>Bloods NAD.</li> <li>GBS Negative.</li> <li>Nil medical history.</li> <li>Contractions started 3 hours ago, membranes intact.</li> </ul> <p><b>Assessment</b></p> <p>Cephalic 2/5 above, ROT, – VE 4cm soft and stretchy, bulging membranes.</p> <p>Obs. NAD.</p> <p><b>Recommendation</b></p> <p>Requesting pain relief, may want an epidural.</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Establish rapport with woman</li> <li><input type="checkbox"/> Listen/ask for history</li> <li><input type="checkbox"/> Perform maternal assessment i.e. obs. Abdo. Palpation</li> <li><input type="checkbox"/> Discuss pain relief options</li> <li><input type="checkbox"/> Call for assistance as situation becomes more intense</li> <li><input type="checkbox"/> Commence CTG due to epidural request</li> </ul>
SPO <sub>2</sub>	99%			
BP	110/70			
HR	72			
Temp	36.7°C			
Consciousness sedation score	Alert			
FH	136			
<b>Abdominal palpation</b>				
Fundus lie position	= Term Longitudinal Back Right ROL, Difficult due to contractions, 1/5 palpable			
Presentation above brim				



State 2: Ongoing management				
Vital signs		Script	Details	Expected actions
RR	24	<p><b>Sarah:</b></p> <ul style="list-style-type: none"> <li>• Complaining that she “does not want to do this any more”.</li> <li>• She wants an epidural, is pushy about this.</li> <li>• Goes out to the toilet and the membranes rupture – meconium flecks in liquor.</li> <li>• If using a manikin – SROM at the height of a contraction.</li> <li>• Following SROM, increased rectal pressure and increased contractions.</li> <li>• Is anxious, questions what is happening.</li> <li>• “What are you doing, what’s happening?”</li> </ul> <p><b>Support Person:</b> Ask questions if not included in the discussion.</p>	<p>Contractions 4:10 moderate.</p> <p>SROM at height of contraction in the toilet – liquor with lumps of fresh meconium.</p> <p>Contractions much stronger post SROM.</p> <p>Starting to feel pressure.</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Explain to mother</li> <li><input type="checkbox"/> Discuss pain relief</li> <li><input type="checkbox"/> IV- if have staff and time</li> <li><input type="checkbox"/> Check FHR</li> <li><input type="checkbox"/> VE</li> <li><input type="checkbox"/> NO pushing</li> <li><input type="checkbox"/> Call for HELP and Notify medical staff</li> <li><input type="checkbox"/> Set up: breech, end of bed removed</li> <li><input type="checkbox"/> Infant resus trolley set up; notify paediatrician.</li> </ul>
SPO <sub>2</sub>	98%			
BP	115/70			
HR	98			
Temp				
Consciousness sedation score	Alert			
FH	CTG abnormal unlikely 120 – 140 variable declarations			
Vaginal examination	8 cm, fully effaced, well applied to presenting part, breech RSA, +1cm lumps of fresh meconium, NO Cord felt.			

State 3: Resolution				
Vital signs		Script	Details	Expected actions
RR	16	Sarah: <ul style="list-style-type: none"> <li>• 2nd stage noises.</li> <li>• “I want to push”.</li> <li>• Repeat – “I want to push”.</li> <li>• Is distressed.</li> <li>• Involuntary pushing.</li> </ul>	<ul style="list-style-type: none"> <li>• Slowly bring breech down on view (give participants time to get settled and organised).</li> <li>• Breech on view.</li> <li>• Baby slowly delivers with contractions.</li> <li>• Legs out and then slowly the body.</li> <li>• Wait for manoeuvres for arms to be born.</li> <li>• Slowly let the head emerge.</li> <li>• FHR felt via the umbilical cord FHR 100 – 108.</li> <li>• Baby cries with stimulation on resus trolley.</li> <li>• Allow cord and placenta to deliver without difficulty.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Look for teamwork and summarise actions taken</li> <li><input type="checkbox"/> Explain to Sarah what is happening</li> <li><input type="checkbox"/> VE</li> <li><input type="checkbox"/> Notify MO</li> <li><input type="checkbox"/> Allow to deliver spontaneously</li> <li><input type="checkbox"/> Hands off, let the baby ‘hang’</li> <li><input type="checkbox"/> Check arm position, Loveset for arm/arms</li> <li><input type="checkbox"/> Flex body posterior to release anterior shoulder then posterior shoulder.</li> <li><input type="checkbox"/> Allow baby to ‘hang’, until nap of neck seen. Ensure the back uppermost</li> <li><input type="checkbox"/> Slow controlled delivery of after coming head using:               <ul style="list-style-type: none"> <li>○ Mauriceau- Smellie- Veit manoeuvre</li> <li>○ Burns Marshall or forceps</li> </ul> </li> </ul>
SPO <sub>2</sub>	100%			
BP	140/90			
HR	106			
Temp	37°C			
Consciousness sedation score	Sleepy but talking			
FH	150 bpm normal trace			
Vaginal examination	Fully dilated, breech RSA, +2cm.			

State 3: Resolution				
Vital signs		Script	Details	Expected actions
				<ul style="list-style-type: none"> <li><input type="checkbox"/> Place baby on Sarah’s abdomen, cord clamped, cord gases and cut</li> <li><input type="checkbox"/> Take baby to resus trolley</li> <li><input type="checkbox"/> Active 3rd stage management</li> <li><input type="checkbox"/> Debrief to family</li> <li><input type="checkbox"/> Document events</li> </ul>



# Supporting Resources

This section contains the following supporting documents that will be essential in the delivery of this learning package:

1. Manikin set-up guide
2. Laboratory reports
3. CTG on admission
4. Current CTG - 2<sup>nd</sup> stage pushing
5. Simulation debriefing poster
6. Debriefing guide

More resources can be downloaded from our website.



**Fetal position -  
Breech presentation  
(RSA)**

Fetal back to  
maternal right side

Fetal buttocks in  
maternal pelvis



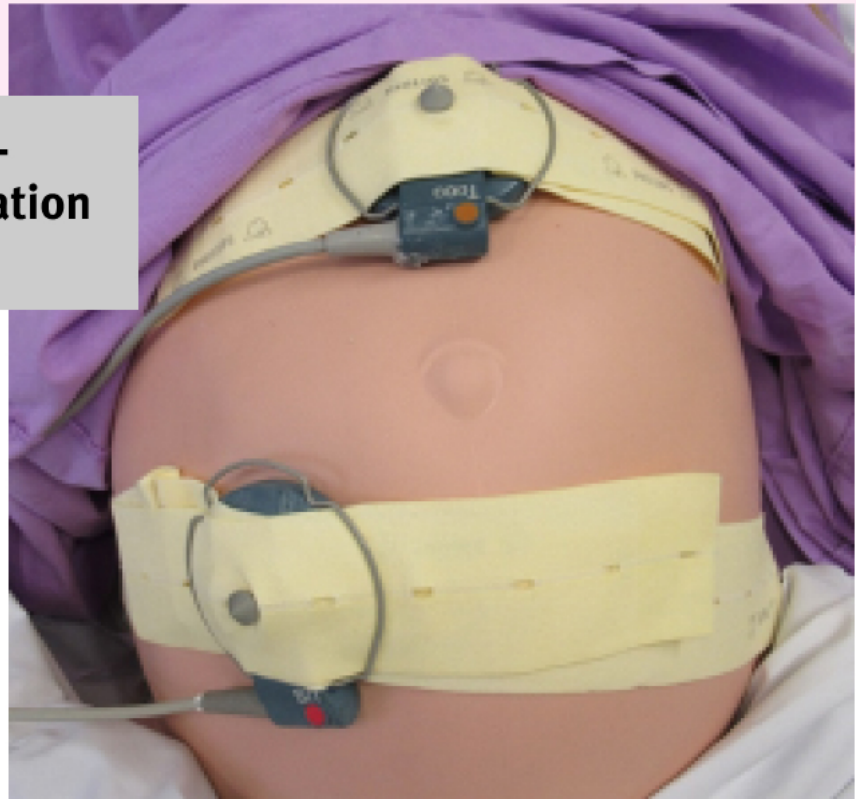
**Hand position for  
person pushing  
the fetus out**

Support person's hand on  
top of fetal head applying  
downward pressure.

Note: apply plenty of  
lubricant and a little water  
on buttocks and in pelvis.



**CTG placement -  
Breech presentation  
(RSA)**



**Hand position for  
person pushing  
the fetus out**

Cover arm with patient  
nightie, hold fetus like this



**36 week routine****DATE:****PATIENT:****DOB:****LABORATORY REPORT****PAGE: 1****REF:**

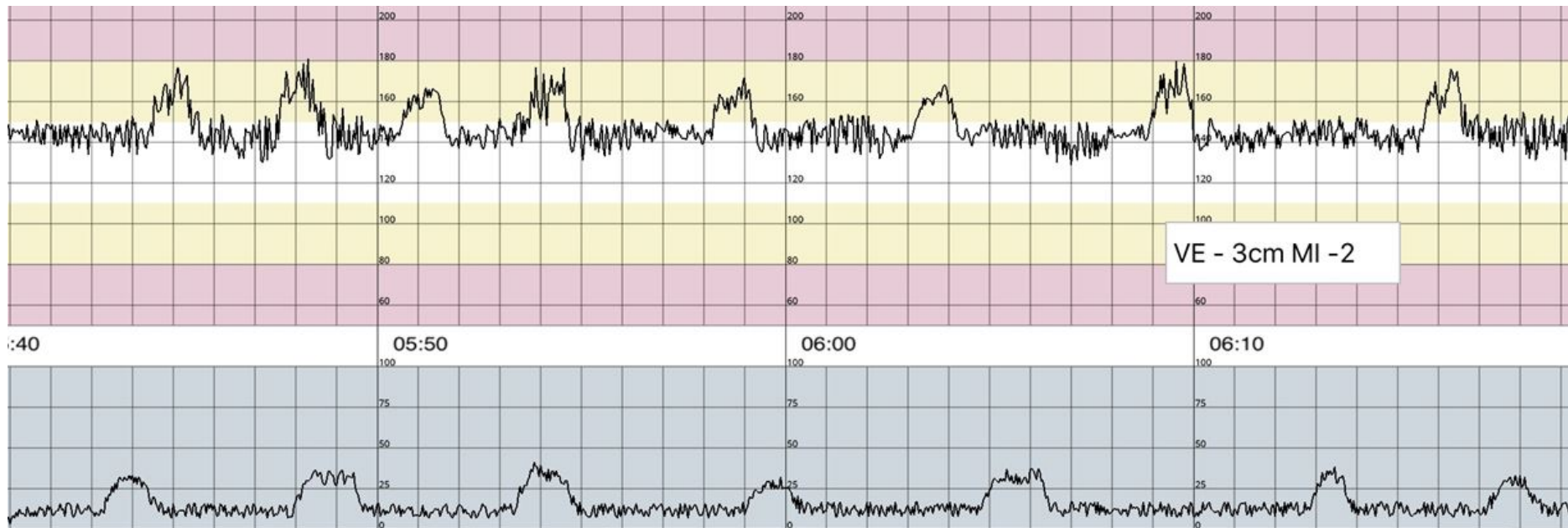
Test	Result	Reference	Comment
Haemoglobin	126 g/dL	13.7-17.7g/dL	
WCC	11.0 L	3.9-10.6 x 10 <sup>9</sup> /L	
Platelets	186 L	150-440 x 10 <sup>9</sup> /L	
Haematocrit	0.35	0.39 - 0.52	
RCC	3.85 L	4.50 - 6.0x10 <sup>12</sup> /L	
MCV	90 fL	80 - 100 fL	
Neutrophils	(83%) 9.15	2.0 - 8.0x10 <sup>9</sup> /L	
Lymphocytes	(10%) 1.15	1.0 - 4.0x10 <sup>9</sup> /L	
Monocytes	(6%) 0.65	0.1 - 1.0x10 <sup>9</sup> /L	
Eosinophils	(0%) 0.01	<0.60x10 <sup>9</sup> /L	
Basophils	(0%) 0.03	<0.20x10 <sup>9</sup> /L	

**36 week routine****DATE:****PATIENT:****DOB:****LABORATORY REPORT****PAGE: 1****REF:**

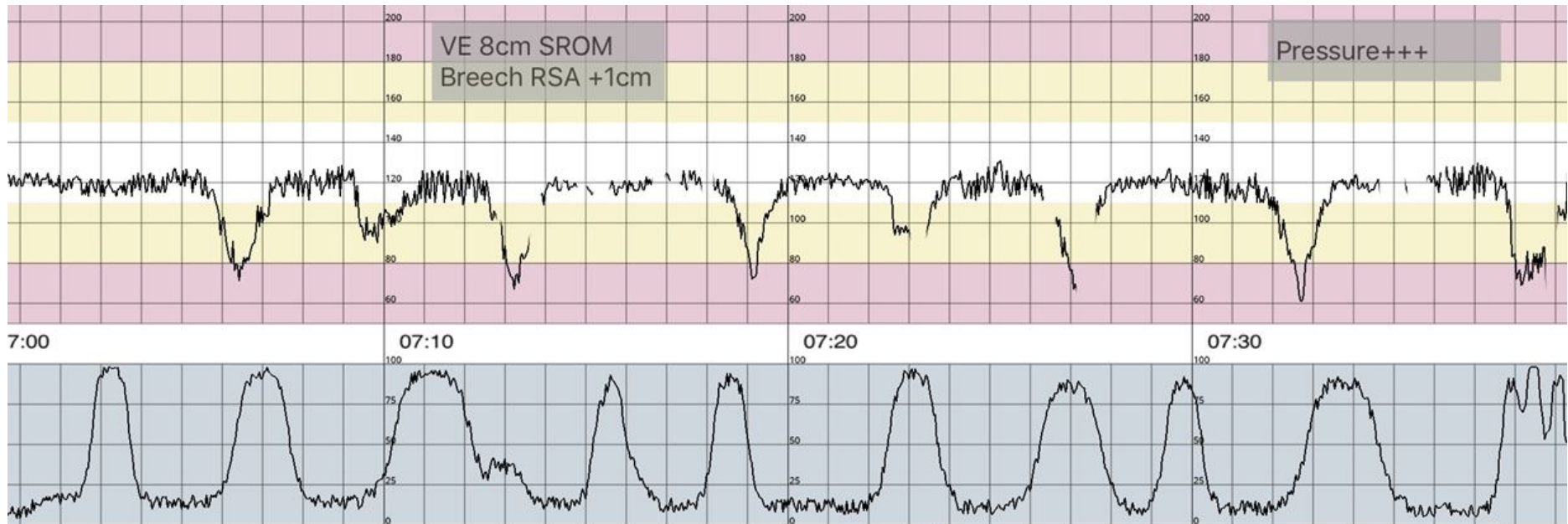
<b>Test</b>	<b>Result</b>	<b>Comment</b>
Group and Antibody Screen		
Group	O Rh (D) Positive	
Antibody	Negative	
		Nil
Expires in 7 days		



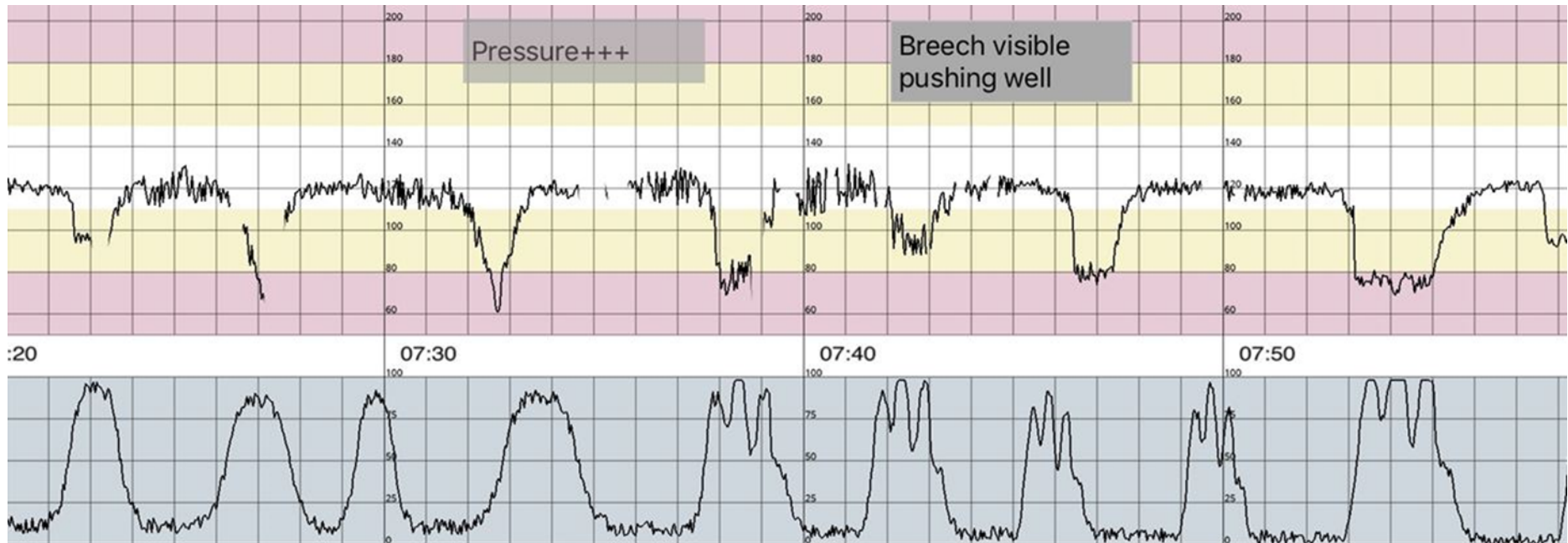
# CTG 1 on admission



# CTG2 labour



# CTG<sub>3</sub> labour



# Simulation Debriefing

Establishing a safe container for learning in simulation.



## 1 Reaction phase - “vent”

- How was that?
- How are you feeling?
- Any other initial reactions?
- Learners may reveal key areas that are important to them.

## 2 Description phase

- Clinical summary of the case.
- Can be shortened if it appears there is shared understanding of the case.

## 3 Analysis phase

Select which strategy is suited.

- Learner Self-Assessment - learner generates objectives

What went well/what would you change?  
What well/did not go well and why?

- Focused Facilitation - analyse performance related to objective

## 4 Summary phase

- Discuss take-home learning points
- Learner guided approach or
- Facilitator guided approach

## Debriefing guide

<b>Scenario objectives</b>	<p>Participants are required to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Prepare resources to manage a safe vaginal breech birth.</li> <li><input type="checkbox"/> Provide appropriate information and support for a woman with a breech presentation, and her support person.</li> <li><input type="checkbox"/> Manage a breech birth.</li> <li><input type="checkbox"/> Prepare for possible neonatal resuscitation.</li> </ul>
<b>Vent phase</b>	<p>Example questions:</p> <ul style="list-style-type: none"> <li>• Initial thoughts of how the simulation went?</li> <li>• Acknowledge emotions (note body language and tone of participants)</li> </ul>
<b>What happened (phases)?</b>	<p>Example questions:</p> <ul style="list-style-type: none"> <li>• Tell us about your patient and what were your initial priorities?</li> <li>• What led to your decision to escalate management?</li> <li>• What clinical signs and symptoms led you to become concerned?</li> </ul>
<b>What was done well and why?</b>	<p>Example question</p> <p>What could have been better at each phase?</p>
<b>Relevance to experience</b>	<p>Example question</p> <p>How would you transfer knowledge from today into your workplace?</p>
<b>What has been learned?</b>	<p>Example question</p> <p>What actions will you take to enhance your skills and knowledge post simulation?</p>
<b>Transfer to clinical settings</b>	<p>Example questions:</p> <ul style="list-style-type: none"> <li>• What will you take away from this session?</li> <li>• Can you give an example of how you could apply new skills or knowledge gained during this session in your clinical setting?</li> </ul>
<b>Key moments</b>	<ul style="list-style-type: none"> <li>• Recognition of breech presentation.</li> <li>• Appropriate management of breech presentation at the stage of labour.</li> <li>• Appropriate management of the vaginal breech birth.</li> <li>• Calling key team members to be present.</li> <li>• Communication with the woman and her family regarding the breech birth.</li> </ul>

## Acronyms and Abbreviations

Term	Definition
CRM	Crisis resource management
CSDS	Clinical Skills Development Service
CTG	Cardiotocograph
FHR	Fetal heart rate
GBS	Group B streptococcus
Hb	Haemoglobin
IV	Intra venous cannular
MO	Medical officer
NAD	Nothing abnormal detected
Obs.	Observations
RANZCOG	Royal Australian and New Zealand College of Obstetrics and Gynaecology
RCOG	Royal College of Obstetricians and Gynaecologists
ROL	Right occipital lateral
ROT	Right occipital transverse
RSA	Right sacral anterior
SROM	Spontaneous rupture of membranes
SVD	Spontaneous vaginal delivery
USS	Ultrasound scan
VE	Vaginal examination

## References

This resource kit has been inspired by the Optimus BONUS project of the Children’s Health Queensland’s “Simulation Training Optimising Resuscitation for Kids” service. To find more information about STORK and their Optimus project, visit their website at

<https://bit.ly/3km1wcZ>.

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# Appendix

This section contains the following supporting documents that will be essential in the delivery of this learning package:

- A. Pre-simulation briefing blank template
- B. Simulation debrief blank template



# Pre-simulation Briefing Notes



Establishing a safe container for learning in simulation.

# 1

## Clarify objectives, roles and expectations

- Introductions.
- Learning objectives.
- Assessment (formative vs summative).
- Facilitators and learners' roles.
- Active participants vs observers.

# 2

## Maintain confidentiality and respect

- Transparency on who will observe.
- Individual performances.
- Maintain curiosity.

# 3

## Establish a fiction contract

- Seek a voluntary commitment between the learner and facilitator.
- Ask for buy-in.
  - Acknowledge limitations.

# 4

## Conduct a familiarisation

- Manikin/simulated patient.
- Simulated environment.
- Calling for help.

# 5

## Address simulation safety

- Identify risks.
- Medications and equipment.
  - Electrical or physical hazards.
  - Simulated and real patients.

# Simulation Debriefing Notes



## Establishing a safe container for learning in simulation.

### Crisis Resource Management Principles

1. Know your environment
2. Anticipate and plan
3. Call for help early
4. Take a leadership role
5. Communicate effectively
6. Allocate attention wisely & use all available information.
7. Distribute the workload & use all available resources.

### Reaction phase - "vent"

# 1

- How was that?
- How are you feeling?
- Any other initial reactions?
- Learners may reveal key areas that are important to them.

### Description phase

# 2

- Clinical summary of the case.
- Can be shortened if it appears there is shared understanding of the case.

### Analysis phase

# 3

- Select which strategy is suited:
- Learner self-assessment - learner generates objectives
- What went well/what would you change?  
What well/did not go well and why?
- Focused facilitation - analyse performance related to objective

### Summary phase

# 4

- Discuss take-home learning points
- Learner guided approach or
- Facilitator guided approach

# Share your feedback



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Undiagnosed Breech – Facilitator Resource Kit

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