



# Antenatal Assessment, Induction of Labour and Assisted Vaginal Birth Clinical Pathway

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Review 2016 - 2017

Version 1.0  
May 2018

# Introduction

This presentation provides an overview of the outcomes of the review process for the Antenatal Assessment, Induction of Labour and Assisted Vaginal Birth Clinical Pathways.

# Background

- ❖ The Statewide Antenatal Assessment Clinical Pathway is an initiative of the Statewide Maternity and Neonatal Clinical Network..
- ❖ The clinical pathways are used for the assessment and management of women during the birthing process.
- ❖ The Clinical Pathways:
  - Supports Queensland Clinical Guidelines for Normal Birth 2018 and the National Antenatal Care Guideline
- ❖ The expected benefits are:
  - Provision of care supported by the best available research
  - Provision of women centered care that meets the needs of the woman and her baby
  - Ensuring that the elements of the Initial maternal and fetal assessments are documented
  - Enables appropriate risk assessment and management
  - Compliance with relevant Queensland legislation and Public Health requirements for vaccination schedules.

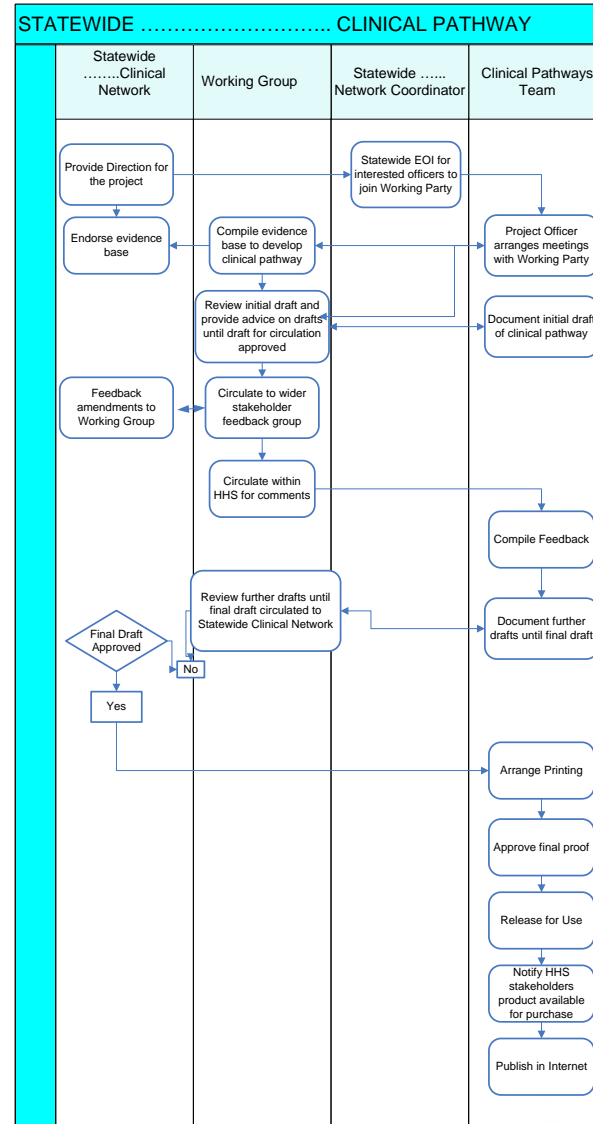
# Review process

The 2015-2016 biennial review of the clinical pathway was undertaken to update clinical content to:

- ▶ Reflect Queensland Clinical Guidelines for Maternity and other relevant guidelines and standards
- ▶ Ensure compliance with Department of Health documentation Style Guidelines and Australian Standard AS 2828.1-2012 Health Records – Paper based health records
- ▶ Include broad consultation with stakeholders including clinicians representative of a wide range of health facilities and consumers,
- ▶ In addition, the latest review process has undergone format changes to design to ensure consistency across the documents and to streamline clinical content into more succinct and user-friendly documents

# Governance

- ❖ Overall Governance is through the Statewide Maternity and Neonatal Clinical Network. The diagram to the right shows the process of the review.



# Clinical Expert Group

- ❖ In 2015, an Expression of Interest was sought from members of the Statewide Maternity and Neonatal Clinical Network (SWMNCN) to form a clinical expert group to review the Antenatal Assessment, Induction of Labour and Assisted Birth clinical pathways
- ❖ A Chair was nominated by the SWMNCN.
- ❖ Members included medical, midwifery and consumer, patient safety, human factors plus clinical pathways team members.
- ❖ Following an initial and subsequent Statewide forums, meetings were held over several months to review evidence and formulate new content.
- ❖ The final versions have been endorsed by the SWMNCN



# Changes Antenatal Assessment

- ❖ Besides an re-design of the documents over 50 change requests were received and discussed.

## Major changes page 1.

- ❖ Reconfiguration of content to make initial assessment information the same on all the Intrapartum suite of clinical pathways
- ❖ Added bloods and vaccinations and alerts section to include Serology for Hep B, Hep C, HIV and syphilis
- ❖ Added section to identify whooping cough and influenza vaccination compliance
- ❖ Added model of care (MoC) information so that the clinicians are aware of the women's chosen MoC
- ❖ Changed the word placental position to placental location
- ❖ More room made for Obstetric History and Current medications.
- ❖ Expanded Risk Factors/Management Plan section



# Page 2 Antenatal assessment

» Old version 2.0

**Queensland Government**

**Antenatal Assessment**

(After identification label here)

URN: \_\_\_\_\_  
 Family name: \_\_\_\_\_  
 Given name(s): \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Date of birth: \_\_\_\_\_ Sex:  M  F

**Current Presentation**

Issue - Status on arrival  
 - Advice given  
 - Procedures/investigations undertaken

DATE & TIME

The woman's stated reason for presentation (signs / symptoms). Include acute musculo-skeletal / orthopaedic symptoms.  
 - A final assessment of maternal and fetal conditions.  
 - Signature, printed name, staff category, date and time for all entries.

DO NOT WRITE IN THIS BANNING MARGIN

Discharge / transfer to:  
 Birth suite  Ward  Home  Other

Discharge / transfer time: \_\_\_\_\_

Follow up appointment (if applicable):  
 Date: / / Time: Clinic / GP:

Medical consultation / referral required? If yes, referred to:  
 Yes  No

Midwife: \_\_\_\_\_  
 Medical officer: \_\_\_\_\_

Page 2 of 2

New Version 4.0

**Queensland Government**

**Antenatal Assessment**

(After identification label here)

URN: \_\_\_\_\_  
 Family name: \_\_\_\_\_  
 Given name(s): \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Date of birth: \_\_\_\_\_ Sex:  M  F

**Observations on Arrival**

Temp: \_\_\_\_\_ °C Pulse: \_\_\_\_\_ Resp: \_\_\_\_\_ Sp: \_\_\_\_\_ / \_\_\_\_\_

Abdominal palpation: \_\_\_\_\_ Lie: \_\_\_\_\_

Unanalysis: \_\_\_\_\_ Presentation / Attitude: \_\_\_\_\_ Position: \_\_\_\_\_

Engagement: \_\_\_\_\_ / \_\_\_\_\_ FHR: \_\_\_\_\_ Fetal movements: \_\_\_\_\_

MSU sent?  Yes  No

**Current Presentation**

DATE / TIME

DOCUMENT: STATUS ON ARRIVAL, ADVICE GIVEN, PROCEDURES / INVESTIGATIONS UNDERTAKEN  
 The woman states reason for presentation (signs and symptoms). Include acute musculoskeletal / orthopaedic symptoms. A final assessment of maternal and fetal conditions. Include name, signature, date and staff category with all entries.

DO NOT WRITE IN THIS BANNING MARGIN

Discharge / Transfer:  Birth suite  Ward  Home  Other

Discharge / Transfer time: \_\_\_\_\_

Follow up appointment (if applicable):  
 Date: / / Time: Clinic / GP:

Medical consultation / referral:  Required  Not required  
 If required - Referred to: \_\_\_\_\_  
 Date referred: / / Time referred: / /

Page 2 of 2

# Changes Antenatal Assessment

## Major changes page 2

- ❖ Moved observation section from page 1
- ❖ Reconfigured Discharge/Transfer section
- ❖ Reconfigured Medical consultation and referral required
- ❖ Removed name for midwife medical officer as signature log now on page 1

# Old Assisted birth record renamed Assisted Vaginal Birth Clinical Pathway

This document Assisted Birth (Version 1) is no longer available

New Version 1.0 of Assisted Vaginal Birth – showing page 1

**Queensland Government**  
**Assisted Birth Record**

URN: (A/N identification label here)  
 Family name:  
 Given name(s):  
 Address:  
 Date of birth: Sex:  M  F

Facility:  Vaginal breech  Vacuum extraction  Forceps

Decision for birth: Date: / / Time: : AM / PM Time operating theatre notified: : AM / PM

**Step 1: Answer questions below** **Step 2: Count alarms (#) in step 1 then follow prompts below**

1. Parity:  Nullipara  Multipara  
 2. Position:  CP/OT  DA  
 3. Station:  0, +1  +2, +3, on view

**Clinical Findings** Complete prior to application of vacuum or forceps. Draw landmarks and cap position.

LOC  In / Out  Inswelling

Fundus: \_\_\_\_\_  
 Lie: \_\_\_\_\_  
 Attitude: \_\_\_\_\_  
 Presentation: \_\_\_\_\_  
 Position: \_\_\_\_\_  
 Engagement: \_\_\_\_\_  
 Pelvis assessment: \_\_\_\_\_  
 Dislocation: \_\_\_\_\_  
 Caput: \_\_\_\_\_  
 Moulding: \_\_\_\_\_  
 Station: \_\_\_\_\_  
 Position: \_\_\_\_\_

Expectation	Action	Complete	Newborn Care Team Time	Comments
Step 1	Assessment	<input type="checkbox"/>	Notified: : : AM / PM	
Step 2	Verbal consent	<input type="checkbox"/>	Arrived: : : AM / PM	
Step 3	Bladder emptied	<input type="checkbox"/>		
Step 4	Pain relief assessed	<input type="checkbox"/>		

**Expectation** **Action** **Observations**

Commencement of procedure  
 Application of instrument Time: : : AM / PM FHR:  
 Rotation of handles Time: : : AM / PM FHR:  
 Pull (traction) 1 Time: : : AM / PM FHR:  
 Pull (traction) 2 Time: : : AM / PM FHR:  
 Pull (traction) 3 Time: : : AM / PM FHR:  
 Descent to perineum Pull (traction) 4 Time: : : AM / PM  
 Progress across perineum Pull (traction) 5 Time: : : AM / PM  
 Pull (traction) 6 Time: : : AM / PM  
 Head born Time: : : AM / PM Number and time vacuum detached:  
 Time of birth Time: : : AM / PM

**if full vacuum cup not visible / or no progress / or two detachments call an obstetrician urgently, a caesarean may be indicated**

**if consultant / senior registrar officer not in attendance call now and a caesarean may be indicated**

1st stage complete:  Yes  No

Name: \_\_\_\_\_ Designation: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Page 1 of 2

**Queensland Government**  
**Assisted Vaginal Birth Clinical Pathway**

URN: (A/N identification label here)  
 Family name:  
 Given name(s):  
 Address:  
 Date of birth: Sex:  M  F

Facility:  Vaginal breech  Vacuum extraction  Forceps

Decision for birth: Date: / / Time: : AM / PM Time operating theatre notified: : AM / PM

**Step 1: Answer questions below** **Step 2: Count alarms (#) in step 1 then follow prompts below**

1. Parity:  Nullipara  Multipara  
 2. Position:  CP/OT  DA  
 3. Station:  0, +1  +2, +3, on view

**Clinical Findings** Complete prior to application of vacuum or forceps. Draw landmarks and cap position.

LOC  In / Out  Inswelling

Fundus: \_\_\_\_\_  
 Lie: \_\_\_\_\_  
 Attitude: \_\_\_\_\_  
 Presentation: \_\_\_\_\_  
 Position: \_\_\_\_\_  
 Engagement: \_\_\_\_\_  
 Pelvis assessment: \_\_\_\_\_  
 Dislocation: \_\_\_\_\_  
 Caput: \_\_\_\_\_  
 Moulding: \_\_\_\_\_  
 Station: \_\_\_\_\_  
 Position: \_\_\_\_\_

Expectation	Action	Complete	Newborn Care Team Time	Comments
Step 1	Assessment	<input type="checkbox"/>	Notified: : : AM / PM	
Step 2	Verbal consent	<input type="checkbox"/>	Arrived: : : AM / PM	
Step 3	Bladder emptied	<input type="checkbox"/>		
Step 4	Pain relief assessed	<input type="checkbox"/>		

**Expectation** **Action** **Observations**

Commencement of procedure  
 Application of instrument Time: : : AM / PM FHR:  
 Rotation of handles Time: : : AM / PM FHR:  
 Pull (traction) 1 Time: : : AM / PM FHR:  
 Pull (traction) 2 Time: : : AM / PM FHR:  
 Pull (traction) 3 Time: : : AM / PM FHR:  
 Descent to perineum Pull (traction) 4 Time: : : AM / PM  
 Progress across perineum Pull (traction) 5 Time: : : AM / PM  
 Pull (traction) 6 Time: : : AM / PM  
 Head born Time: : : AM / PM Number and time vacuum detached:  
 Time of birth Time: : : AM / PM

**if full vacuum cup not visible / or no progress / or two detachments call an obstetrician urgently, a caesarean may be indicated**

**if consultant / senior registrar officer not in attendance call now and a caesarean may be indicated**

1st stage complete:  Yes  No

Name: \_\_\_\_\_ Designation: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Page 1 of 2

# New content of Assisted Vaginal Birth Clinical Pathway

## Major changes

- ❖ Re-development of Assisted Birth Record changed also with name change to **Assisted Vaginal Birth Clinical Pathway**
- ❖ **Added:**
- ❖ Mode of Birth
- ❖ Risk management approach with steps and alarms to identify appropriate location of procedure
- ❖ Clinical findings palpation and vaginal examination prior to commencement of procedure
- ❖ Expected actions and steps prior to commencement of procedure including Assessment, verbal consent, bladder emptied and pain relief assessed
- ❖ Expected actions with commencement of procedure to descent to perineum at pull traction 3 including actions and observations
- ❖ Stop signals where full vacuum cup not visible or no progress or two detachments caesarean may be indicated
- ❖ Expected actions for progress across the perineum
- ❖ Stop signal /senior medical officer/consultant not present call and a caesarean may be indicated



# Content Assisted Vaginal Birth Page 2

## Major changes

- ❖ Removed manoeuvres section
- ❖ Added Birth attendees, Obstetric Consultant, Obstetric Registrar, Midwives, Anaesthetist, Paediatrics Team
- ❖ Added Episiotomy Yes and No , Repair completed
- ❖ Added Packs in situ with the number of packs identified
- ❖ Removed debrief with mother and moved this section to the top of the page

# Old vs New Versions Induction of Labour

This document (Version 1) is no longer available

The image shows the 'Old Version 1' of the 'Induction of Labour Record' form. A large, semi-transparent red 'X' is superimposed over the entire form, indicating it is no longer available. The form includes sections for patient information, reason for induction, obstetric history, and a table for Antenatal Assessment (ATA) scores.

New Version 4.0 – showing page

The image shows the 'New Version 4.0' of the 'Induction of Labour Record' form. It is a detailed form with multiple sections:

- Header:** Queensland Government logo, 'Induction of Labour Record' title, and patient identification fields (URN, Family name, Given name(s), Address, Date of birth).
- Reason for induction of labour:** A section for documenting the clinical rationale.
- Model of care:** Fields for EDD, Dates, Boas, Gestation, and Support person(s).
- Bloods / Alerts:** Serology results for Hep B, HIV, Rubella, Syphilis, and Whoooping cough/Influenza vaccines.
- Obstetric history:** A section for previous pregnancies and deliveries.
- Current medications:** A list of current drugs.
- Antenatal ACM\* category on admission:** A dropdown menu with options A, B, and C.
- Birth preferences:** A section for discussing and documenting birth preferences.
- Risk Factors / Management Plan:** A table with columns for Risk Factors, Management Plan, and Initials. Risk factors include GBS positive, Weight (36 weeks), Current BMI (36 weeks), VTE score, Diabetes, Abnormal ultrasound finding, PPH risk, and 3rd / 4th degree tear.
- Observations on arrival:** A section for documenting findings on arrival, including a reference to the Antenatal GMEWT.
- Signature Log:** A table for recording the signatures and initials of all healthcare professionals involved in the assessment.

# Changes Induction of Labour Page 1

## Major Changes

- ❖ Changed reason for induction to reason for induction of labour
- ❖ Rationalise information on the front page by placing the following information together – model of care, Allergies, Support person(s), Gravida, Para, EDD, Gestation and placental location
- ❖ Changed pathology and ultrasounds to bloods/vaccinations and alerts and included additional serology and vaccination alert for whooping cough and influenza
- ❖ Moved obstetric history and medication history from the columns on the left hand to section across the page
- ❖ Added a risk factors
- ❖ Added a signature log instead on staff name section as it was felt that more than one staff member may be completing the document.



# Old vs New Versions Induction of Labour page 2 and 3

This document (Version 1) is no longer available

The image shows the old version of the 'Induction of Labour Record' form. It is a complex form with multiple sections for 'Assessment 1' and 'Assessment 2'. A large, semi-transparent red 'X' is overlaid on the entire form, indicating that this version is no longer available. The form includes fields for patient identification, clinical observations, and a table for Bishop scores.

New Version 4.0 – showing page 2 and 3

The image shows the new Version 4.0 of the 'Induction of Labour Record' form. It is a structured form with two main columns for 'Assessment 1' and 'Assessment 2'. The form includes fields for patient identification, clinical observations, and a table for Bishop scores. The form is titled 'Induction of Labour Record' and includes the Queensland Government logo. The page number 'Page 2 of 6' is visible at the bottom.

# Changes Induction of Labour Page 2

## Major Changes

- ❖ Assessments moved from page 1
- ❖ Additional Signature added to Pre and Post IOL CTG
- ❖ Additional room for treatment plan and comments on the page



# Changes Induction of Labour Pages 4-6

## Major Changes

- ❖ Observation page 4 removed as observations on QMEWT
- ❖ Progress note pages included pages 4-6 for clinical notes

**Clinical Pathways can be  
ordered through your Office  
Max catalogue**

# Contact Details

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# Acknowledgements

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- » Karen Baker                      Jillian Clarke                      Bridget Ferguson
- » Sandra Randall                      Meredith Shallcross                      Sue Hampton
- » Meredith Lovegrove                      Ross Newton                      Alicia Hyland
- » Fiona Clegg                      Lyndel Gray                      Kelly-Maree O'Hagan
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