Version Control

This is Version 3 of the Drug Therapy Protocol Midwives Workbook and will remain current until 2019. The current version will be available for access on the Intranet and identified hyperlinked address as required.

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This version of the workbook has been reviewed by the following:
- Northern Maternity & Neonatal Clinical Network Steering group
- Northern Maternity & Neonatal Clinical Network -Education Working group
- Statewide Maternity & Neonatal Clinical Network- Midwifery Leadership group

Continuing Professional Development

Completion of this package, if relevant to the context of practice, attracts 8 Continuing Professional Development (CPD) hours of learning.

CPD hours can contribute to the nurse / midwife CPD requirements as per the Nursing and Midwifery Board of Australia Continuing Professional Development.

Drug Therapy Protocol—Midwives Workbook

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Overview of the workbook

This resource is for midwives to enable them to meet the criteria for practice under the Drug Therapy Protocol—Midwives (DTP:M), if they have been identified by their employer’s DTP:M procedure as required to do so.

Clinical Guidelines (CG) and Health Management Protocols (HMP)
For the purposes of the DTP:M, each health service (employer) is required to specify what CG/HMP provides the circumstances under which the drugs listed in the DTP:M can be used. These CG/HMP are developed with appropriate multidisciplinary editorial and clinical governance as required by the DTP:M. Locate and utilise these documents with the assistance of your midwifery consultant/educator.

At the completion of the workbook the participant will be able to administer and supply medications under the DTP:M as authorised by their local DTP:M procedure.

How to use this workbook

The participant will be required to access the resources and pre-reading to complete the module.

The participant is to record their answers to the questions in the workbook. On completion the participant will submit the workbook to their line manager or educator to assess and provide feedback.
Legend for Icons in this workbook

**Reading:** Directs the participant to a required reading.

**Core activity:** Identifies a written or clinical activity, which contributes towards program assessment. A program facilitator must assess all written core activities.

**Additional resources:** Indicates other materials to support learning. Use of these materials is optional.

Assessment outline

Assessment of this workbook will be demonstrated through successful completion of specific activities utilising the resources provided or identified throughout the workbook, or others available from your employer/ facility/ service.

The midwifery consultants/ nurse educator will review and discuss (as required) the responses of all activities listed in the workbook to assist in determining knowledge and awareness of the specific issues addressed.

On successful completion of this workbook a certificate of completion will be awarded locally on behalf of the employer.

Required resources to complete the workbook

- Recommended readings or textbooks as listed throughout document
- Access to local Hospital and Health Service (HHS) policy intranet site
- Access to local clinical midwifery consultant/midwifery or Nurse Educator

Objectives of the workbook

The purpose of this workbook is to assist the participant access the contemporary knowledge and evidence in which midwives can utilise and apply the requisite skills to initiate, administer and in some cases supply medications under the DTP:M.

A midwife must be aware that practising within this DTP:M does not relieve them of their legal responsibility or accountability for their actions and may not provide immunity in case of negligence.
Background

In June 2007, the Health Legislation Amendment Regulation No.4 was approved to extend current authorisation for midwives to initiate, administer and supply relevant pharmacological substances under a Drug Therapy Protocol (DTP). The legislative changes are consistent with the Australian Nursing and Midwifery Council competency standards for Midwives and removes impediments to midwives providing comprehensive pre-pregnancy, antenatal, intra-partum and postnatal care.

Under the Regulation, midwives are, to the extent necessary to practice midwifery, authorised to:

- Obtain a controlled or restricted drug or S2 or S3 poison
- Possess a controlled or restricted drug at a place where the person practises midwifery
- Administer or supply a controlled or restricted drug under a drug therapy protocol or on the instruction of a doctor or nurse practitioner
- Administer an S2 or S3 poison and in Rural or Isolated practice areas supply an S2 or S3 poison

Local DTP:M procedure

Please locate and read your Hospital and Health Service/ Employer’s Drug Therapy Protocol Midwives procedure.

Question 1

a) Please indicate √ which of the following documents your Hospital and Health Service/ Employer has endorsed to guide clinical practice when giving drugs listed in the DTP:M.

- Queensland Health Maternity and Neonatal Clinical Guidelines and Operational Frameworks
- National Health and Medical Research Council (NHMRC) Clinical Practice Guidelines Ante Natal Care Module 1 (2012) and Module 2 (2014)
- ACM National Midwifery guidelines for consultation and referral Issue 2 Dec 14
- The NHMRC Australian Immunisation Handbook
- Primary Clinical Care Manual (PCCM)
- Other : Please specify:

________________________________________________________
Please locate and read the latest version of Health (Drugs and Poisons) Regulations 1996: Drug Therapy Protocol—Midwives

**Question 2a**
Please state year of version read: ____________

**Question 2b**
There are 11 circumstances or conditions of use of the drug therapy protocol by midwives. Identify 7 of these conditions:

1. __________________________________________
   __________________________________________
   __________________________________________

2. __________________________________________
   __________________________________________
   __________________________________________

3. __________________________________________
   __________________________________________
   __________________________________________

4. __________________________________________
   __________________________________________
   __________________________________________

5. __________________________________________
   __________________________________________
   __________________________________________
Please locate and read **Queensland Health (Drugs and Poisons) Regulation 1996 Available:**


**Question 3.**

Provide the following definitions from Appendix 9 of the Health (Drugs and Poisons) Regulation Act 1996.

Supply:

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Prescribe:

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
Question 4.
Identify two circumstances in the Health (Drugs and Poisons) Regulation Act 1996 that a midwife can supply a controlled or restricted drug
1.

2.

Question 5.
Identify one circumstance where you would need to consult with a medical officer to provide further treatment under the DTP: M.

Question 6.
Outline the documentation required should a medication be administered to the women for a condition under the DTP: M.
Normal birth


Other available resources are:


Question 7.
A woman you are caring for is requesting narcotic pain relief. She is concerned about the effect it will have on her baby and breastfeeding. Under the DTP:M, there are 2 intrapartum opioids for pain management.

What verbal information would you provide the woman to allow her to make an informed choice regarding these?

_____________________________________________________________________
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Hypertensive disorders of pregnancy

Please locate and read the following resource.


**Question 8.**

There are 7 organs or systems affected by preeclampsia. Outline these 7 systems and the associated signs or symptoms that may alert the midwife to the possible diagnosis of preeclampsia.

1. _______________________________________________________________________
   _______________________________________________________________________
   _______________________________________________________________________
   _______________________________________________________________________

2. _______________________________________________________________________
   _______________________________________________________________________
   _______________________________________________________________________
   _______________________________________________________________________

3. _______________________________________________________________________
   _______________________________________________________________________
   _______________________________________________________________________
   _______________________________________________________________________

4. _______________________________________________________________________
   _______________________________________________________________________
   _______________________________________________________________________
Question 9.
A woman's Blood Pressure is 185/115 mmHg on 2 occasions 15 minutes apart. Outline 5 immediate care actions and further assessment.

a)___________________________________________________________________
b)___________________________________________________________________
c)___________________________________________________________________
d)___________________________________________________________________
e)___________________________________________________________________

Question 10
State 3 contraindications for the use of Nifedipine for a woman with hypertension.

a)___________________________________________________________________
b)___________________________________________________________________
c)___________________________________________________________________
Preterm labour and birth

Please locate and read the following resources.


Question 11.
Describe the mode of action of nifedipine in relation to suppression of preterm labour
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

Question 12.
Outline 5 common side effects of nifedipine.
a)__________________________________________________________________
b)__________________________________________________________________
c)__________________________________________________________________
d)__________________________________________________________________
e)__________________________________________________________________

Question 13.
Do you instruct the woman to chew or crush the first 2 doses of nifedipine administered to prevent preterm labour? State your reasoning.
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
**Question 14.**
Describe the indications for the use of betamethasone and the restrictions under the HMP/ DTP:M that apply to its use?

Indication: ______________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

Restriction: ______________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

**Rh D immunoglobulin**

Please locate and read the following resources.


**Question 15.**
State the recommended dose of antenatal Anti-D prophylaxis and the recommended gestation for Anti-D prophylactic administration.
_____________________________________________________________________
_____________________________________________________________________

**Question 16.**
A woman who is 28 weeks pregnant Rh D negative blood group has been found to have preformed Anti – D antibodies on testing. What action should the midwife take?
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
Group B streptococcal (GBS) disease

Please read the following resource.

Question 17.
A woman presents to the birthing unit in established labour. Her record shows that she had Group B Streptococcus (GBS) detected in her previous pregnancy. She has not been tested for GBS during this pregnancy. The woman asks if she will need to have antibiotics in labour.

Outline your response and rationale:
_____________________________________________________________________
_____________________________________________________________________

Question 18.
State four clinical risk factors for Group B Streptococcus prophylaxis.

a)__________________________________________________________________
b)__________________________________________________________________
c)__________________________________________________________________
d)__________________________________________________________________

Postpartum haemorrhage (PPH)

Please locate and read the following resource.

Question 19.
A woman you are caring for has a past history of postpartum haemorrhage. She has made an informed decision to have active management of the third stage of labour.

a) State the recommended oxytocic required.________________________
b) Is the midwife able to administer this drug under the DTP:M?________________________________________
Question 20.
State the contraindications for syntometrine.

Question 21.
Describe the pharmacodynamics of syntocinon.

Question 22.
State the observations and the frequency of vital signs required for woman at risk of PPH i.e. 4th stage management.

Question 23.
Misoprostol is a drug currently used for the treatment of PPH. As a midwife are you able to administer this drug under the DTP:M?

Question 24.
In relation to the Queensland Clinical Guideline, state the stipulations for the use of Misoprostol for the treatment of PPH.
Neonatal resuscitation

Please locate and read the following resource.


Question 25.
State the 2 indications for use of Naloxone for a neonate.
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

Immunisations


Question 26.
a) The dTpa vaccine is recommended for pregnant women. What is the ideal gestation for administration?
_____________________________________________________________________
b) Are you able to administer the dTpa vaccine under the DTP:M?
_____________________________________________________________________
Assessment

On completion of this workbook, please return to the Clinical Midwifery Consultant. Once you have successfully completed this workbook you will be awarded a certificate of completion and authorisation to act under the Drug Therapy Protocol—Midwives as authorised by your employer’s DTP:M procedure.

Completion details

<table>
<thead>
<tr>
<th>Date of completion</th>
<th>Name of Midwife:</th>
<th>Signature:</th>
</tr>
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<tbody>
<tr>
<td>Name of Approved Assessor:</td>
<td>Signature:</td>
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Comments:

For assessor use only

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<tr>
<th>Entered into Database:</th>
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If required, facilitator assessment guides may be obtained by authorised clinical midwifery consultant and educators by contacting:

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