

PMMRC

Perinatal and Maternal Mortality Review Committee

RAPID REPORTING FORM FOR A PERINATAL DEATH - MOTHER

Please use the "Guidelines for the completion of the mother and baby forms following a perinatal death March 2014 Version 10" to help completion of this form. You can obtain these guidelines from www.otago.ac.nz/pmmrc

Both the PMMRC mother and baby forms need to be completed by the Lead Maternity Carer or other clinician for any baby dying from 20 weeks gestation (i.e. $\geq 20^0$, or **if gestation is unknown** a birth weight $\geq 400\text{gm}$) including all terminations, to before 28 completed days of life (i.e. up to midnight on the 27th day).

This Mother form should be submitted electronically before the Baby form is submitted.

Compulsory entries are: - Number of babies born in this pregnancy, number of perinatal losses linked to this pregnancy and Mother's NHI

We understand that you may not know the answer to some of the questions but we would appreciate it if you can answer as much as possible.

If sending in written copies please send this together with the PMMRC Baby Form (see address and fax numbers at back of form).

PLEASE COMPLETE WITHIN 48 HOURS OF THE BABY'S DEATH IF POSSIBLE

Personally identifiable information (of the mother, baby or lead maternity carer) collected on this form will be kept confidential. The information included in reports by the PMMRC is grouped and non-identifiable.

1. How many perinatal losses are linked to this pregnancy

2. Mother's NHI:

3. First name(s): Surname:

Mother's other name(s):

4. Date of birth: // (DD/MM/YYYY)

5. Usual residential address at time of delivery:

Property /house name

Flat/Unit number

Street Number/rapid number (rural)

Street name

Suburb /locality

Town/City

Country (if not New Zealand)

Post Code

6. Ethnicity: (Select all relevant)

- New Zealand European
- Māori
- Samoan
- Cook Island Māori
- Tongan
- Niuean
- Chinese
- Indian
- Other (such as Dutch, Japanese, Tokelauan),

If other please state:

Please state the country of birth?

- New Zealand
- Australia
- England
- China
- India
- South Africa
- Samoa
- Cook Islands
- Other Please specify: _____

Source of ethnicity information: (Select all relevant)

- Woman
- Family/Whanau
- DHB Patient Registration Form
- Other please state: _____
- LMC notes
- Clinical notes
- NHI details

7. Maternal height cms **and weight** kg (earliest measured in pregnancy)

(If not available please measure height and weight)

8. Past obstetric history: previous pregnancies:

Gravidity: **Parity:** *(Do not include index pregnancy in parity. Multiple births counted as one)*

Unknown

Date of Delivery	Place of birth (Please state)	Gestation (weeks)	Pregnancy Outcome (see below for codes)	Method of delivery (see below for codes)	Birth weight	SGA <10 th centile	Complications (see below for codes)

Pregnancy Outcome – LB = Live born, SM = spontaneous miscarriage, TOP = termination of pregnancy, E = ectopic pregnancy, SB = stillbirth, END = early neonatal death (<7 days age), LND = late neonatal death (7 days – 27 days), CYD = Child and Youth Death (28 days – 24 years), U = unknown
Method of Delivery NVD = Normal vaginal delivery, OV = Operative vaginal delivery, VB = Vaginal breech, CS = Caesarean Section, U = unknown
Complications - NIL = No complications, HE = hyperemesis, APH = Ante partum haemorrhage/Abruption, CxS = cervical stitch, GDM = Gestational diabetes, PET = Pre-eclampsia, Other = please comment in summary section, U = unknown

***All the following questions relate to this pregnancy**

9. Family violence

Has mother suffered family violence during this pregnancy?

Yes

No

Not Asked

Unknown

(If the answer was "Yes" to the above answer the question below)

Was she offered referral to a relevant support services?

Yes

Yes but declined

No

Unknown

10. History of infertility for >12 months before this pregnancy:

Yes

No

Unknown

11. Fertility treatment for this pregnancy: (Select all relevant)

Artificial insemination - donor

Artificial insemination – husband/partner

Clomiphene citrate

Follicle-stimulating hormone

Intra-cytoplasmic sperm injection

In vitro fertilisation

If yes, how many embryos were transferred?

Surgery to increase fertility

Insulin sensitisers e.g. Metformin,

Letrozole

Other

If other please state:

Was treatment in New Zealand? Yes

No

Unknown

If overseas, please state where _____

12. Intended place of birth:

Home

Birthing Unit

Hospital level 1

Hospital level 2

Hospital level 3

Other

Unknown

Not registered

Please state name of place/unit/hospital:

13. Actual place of birth:

Home

Birthing Unit

Hospital level 1

Hospital level 2

Hospital level 3

Other

Fetus still in utero

Unknown

Please state name of unit/hospital:

(If the intended place of birth is different to the actual place of birth then answer the below question)

14. When did mother's transfer to actual place of birth occur?

Before labour

In labour

Unknown

15. Lead Maternity Carer

Please select the mother's lead maternity carer (LMC) at time of first registration and at birth?

(Select one in each column)

LMC at booking

LMC at birth*

- | | | |
|------------------------|--------------------------|--------------------------|
| Not registered | <input type="checkbox"/> | <input type="checkbox"/> |
| Self-employed midwife | <input type="checkbox"/> | <input type="checkbox"/> |
| DHB care | <input type="checkbox"/> | <input type="checkbox"/> |
| General Practitioner | <input type="checkbox"/> | <input type="checkbox"/> |
| Obstetrician (private) | <input type="checkbox"/> | <input type="checkbox"/> |
| Unknown | <input type="checkbox"/> | <input type="checkbox"/> |

***For 'LMC at booking' to be different to 'LMC at birth' a new registration must have been completed.**

16. Please indicate who was clinically responsible for the woman's care at time of birth *(Select one)*

- | | |
|------------------------|--------------------------|
| No care | <input type="checkbox"/> |
| Self-employed midwife | <input type="checkbox"/> |
| DHB care | <input type="checkbox"/> |
| General Practitioner | <input type="checkbox"/> |
| Obstetrician (private) | <input type="checkbox"/> |
| Unknown | <input type="checkbox"/> |

If clinical responsibility is different, to 'LMC at booking' when did this transfer of clinical responsibility occur?

- a) Antenatal** **b) Intrapartum**

17. Antenatal Procedures: *(Select all relevant)*

Yes

- | | | |
|--|--------------------------|---|
| Scan at ≤22 gestation | <input type="checkbox"/> | <i>(If "Yes")</i> How many scans? <input type="text"/> |
| 1 st trimester screening (MSS1) | <input type="checkbox"/> | |
| 2 nd trimester screening (MSS2) | <input type="checkbox"/> | |
| Anatomy scan | <input type="checkbox"/> | <i>(If "Yes")</i> Gestation of 1 st anatomy scan <input type="text"/> weeks <input type="text"/> days
<i>(If repeated)</i> gestation of 2 nd anatomy scan <input type="text"/> weeks <input type="text"/> days |
| Chorionic villus sampling | <input type="checkbox"/> | |
| Cervical suture | <input type="checkbox"/> | |
| Amniocentesis | <input type="checkbox"/> | |
| Doppler studies | <input type="checkbox"/> | |
| Growth scan | <input type="checkbox"/> | |
| External cephalic version | <input type="checkbox"/> | |
| Fetocide | <input type="checkbox"/> | |
| Amnioreduction | <input type="checkbox"/> | |
| Fetoscopic laser treatment | <input type="checkbox"/> | |
| Traditional massage | <input type="checkbox"/> | |
| Other | <input type="checkbox"/> | If other please state: <input type="text"/> |
| No antenatal procedures | <input type="checkbox"/> | |
| Unknown | <input type="checkbox"/> | |

18. a. Smoking at 1st registration with a LMC (cigarettes)?

Yes

No

Unknown

b. Smoking status at birth (cigarettes)?

Never smoked

Current non-smoker

Stopped before this pregnancy

Stopped < 16 weeks gestation

Stopped ≥16 weeks gestation

Previous status unknown

Current smoker

How many cigarettes per day Unknown

Smoking status unknown

c. Smoking cessation support?

No

Yes – by LMC/clinician only

Yes – referred to external agent

Offered but declined

Unknown

19. Maternal use of alcohol and other drugs:

Yes

No

Unknown

(If “Yes” select all drugs used by mother during this pregnancy)

	during 1st trimester	month prior to birth	Describe
Alcohol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Amphetamine/P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Cocaine	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Ecstasy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Hallucinogens	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
“Herbal highs”	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Synthetic cannabis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Marijuana	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Opiates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Methadone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Petrol/paint/glue	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

If other please state:

20. Antenatal visits before fetal death/or delivery:

a. Total number of visits from antenatal record

Unknown

b. Gestation at first antenatal visit with LMC:

weeks

Unknown

c. Gestation at first antenatal visit with any health provider:

weeks

Unknown

21. Mother's clinical history (including any diagnoses made in this pregnancy)

(Please answer all questions)

	Yes	No	Unknown
a. Asthma	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Diabetes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(If "Yes" answered for part b answer the below)

- Type 1 diabetes
- Type 2 diabetes
- Impaired glucose tolerance

c. Epilepsy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Heart condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(If "Yes" selected for part d answer the below)

- Congenital heart condition
- Rheumatic heart disease
- Coronary artery disease
- Other cardiac condition - if other please state:

e. Thyroid abnormality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
------------------------	--------------------------	--------------------------	--------------------------

(If "Yes" answered for part e answer the below)

- Hypothyroidism
- Hyperthyroidism
- Other - if other please state:

f. Inflammatory bowel disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Systemic lupus erythematosus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Other autoimmune disorder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Mental health disorder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(If "Yes" answered for part i answer the below)

- Depression
- Psychotic disorder
- Other - if other please state:

j. Renal disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Venous thromboembolism	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Blood disorders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(If "Yes" answered for part l answer the below)

- Anaemia
- Thalassaemia trait
- Thrombophilia
- Other - if other please state:

m. Hypertension	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-----------------	--------------------------	--------------------------	--------------------------

(If "Yes" answered for part m answer the below)

- Chronic/essential hypertension
- Secondary hypertension

Mother's clinical history *continued*

	Yes	No	Unknown
n. Cervical surgery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Urinary tract infection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Uterine abnormality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. Uterine surgery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r. Other	<input type="checkbox"/>		

If other please state:

22. a. Screening for diabetes in pregnancy:

Yes	No	Unknown	Declined
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

b. Gestational Diabetes confirmed

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------

c. Laboratory results

i) HbA1c at booking

Result: _____ mmol/mol Date __/__/__

ii) HbA1c (≥ 20 weeks) *(record highest result)*

Result: _____ mmol/mol Date __/__/__

iii) Polycose *(record highest result)*

Result: mmol/L Date __/__/__

iv) Glucose Tolerance Test *(record highest result)*

Result: Fasting: mmol/L 2hour: mmol/L Date __/__/__

23. Was this a multiple pregnancy?

Yes	No	Unknown
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(If "Yes" is answered for Question 23 answer the below)

1. Number of fetuses/babies at first ultrasound in pregnancy:

2. Number total number of babies born in this delivery, including stillbirths?

3. Was a fetal reduction performed? If YES, please describe:

4. What type of multiple:

Dichorionic diamniotic

Monochorionic diamniotic

Monoamniotic

Other Multiple – please describe chorionicity

Unknown

(If "Yes" selected in Question 23 answer Question 24)

24. If multiple pregnancy, please note NHI of all fetuses/babies:

First **NHI**

Second **NHI**

If more than two babies in this pregnancy please state other NHI:

25. Was there any vaginal bleeding related to this pregnancy? (Please complete both)

	Yes	No	Unknown
Before 20 weeks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
After 20 weeks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

26. Obstetric conditions

Did the mother have any of these conditions in this pregnancy? (Select all relevant)

	Yes	No	Unknown
a. Hypertension	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(If "Yes" answered part "a" answer one of the below)

- Gestational hypertension
- Pre-eclampsia
- Pre-eclampsia with chronic hypertension
- Eclampsia
- Chronic hypertension
- Unspecified

b. Preterm labour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Prolonged rupture of membranes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(If "Yes" answered to part "c" answer one of the below)

- Preterm - rupture < 37 weeks gestation
- Term - rupture ≥ 37 weeks gestation

d. Cholestasis of pregnancy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Confirmed maternal infection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(If "Yes" answered to part "e" answer the below)

Kind of infection:

- Pyelonephritis
- Lower urinary tract infection
- Other infection

If other please state:

f. Trauma	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-----------	--------------------------	--------------------------	--------------------------

(If "Yes" answered to part "f" answer one of the below)

Kind of trauma:

- Vehicular
- Violent personal injury or assault
- Other (e.g. falls)

If other please state:

g. Other obstetric condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
------------------------------	--------------------------	--------------------------	--------------------------

If other please state:

h. Surgery in pregnancy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-------------------------	--------------------------	--------------------------	--------------------------

Please state type of surgery:

27. Fetal growth restriction was suspected before fetal demise: (Select one)

- No Yes but no scan performed
 Yes and confirmed by scan Unknown
 Yes but normal growth on scan

a. Was a customised growth chart generated for this woman antenatally?

Yes	No	Unknown
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

28. Folic Acid taken in this pregnancy? (Please complete both)

	Yes	No	Unknown
Folic Acid taken pre-pregnancy?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Folic Acid taken first trimester?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

29. Was there consultation with an obstetrician during pregnancy?

- Obstetrician was lead maternity carer
 Yes (If "Yes" please - select all relevant below)
 No
 Unknown

What was/were the reason(s) for the obstetrician consultation?

- Prolonged pregnancy (>41 weeks)
- Age of mother
- Breech
- Recurrent miscarriage
- Mother's request
- Stillbirth (this pregnancy)
- Previous Stillbirth
- Suspected size of fetus (If "Yes") large fetus small fetus
- Previous intrauterine growth restriction
- Previous Caesarean section
- Renal
- Cardiac
- Hypertension
- Prolonged rupture of membranes
- Cholestasis
- Other medical Please specify: _____
- Surgery in pregnancy
- Significant infection
- Multiple pregnancy
- Antepartum haemorrhage
- Diabetes
- Unstable lie
- Fetal Abnormality
- Raised BMI
- Other reason

If other please state:

30. Was the mother referred to any other healthcare services (apart from midwifery & obstetrics) during pregnancy?

Yes No Unknown

(If "Yes" answered to Question 30 answer the below – select all relevant)

Medical (includes MFM, non-obstetric specialists)

Mental health

Drug and alcohol

Social

Other service

If other please state:

31. Induction Yes No Unknown

(If "Yes", please select all that apply)

a) Medication/method used

Balloon PG gel 1 mg

Cervidil PG gel 2 mg

Misoprostol – if yes dose: mcg PGE2 tablets

Mifegyne Oxytocin

Artificial rupture of membranes Time: : 24 hour clock Date __/__/__

Other, please specify: _____

b) Reason for induction:

Post dates Intrauterine fetal death

Pre-eclampsia Intrauterine growth restriction

APH Fetal Abnormality

Diabetes Prolonged rupture of membranes

Maternal request

Other, please specify: _____

32. Augmentation: Yes No Unknown

(If "Yes", please select all that apply)

Medication/Method:

Artificial rupture of membranes Time: : 24 hour clock Date __/__/__

Oxytocin

Other, please specify: _____

33. Analgesia in labour Yes No Unknown

(If "Yes" answer the below, select all relevant)

Opiate

Nitrous oxide

Epidural

TENS* *Transcutaneous electrical nerve stimulation

Unknown

Other Please specify: _____

34. Bath or pool during labour:**Yes****No****Unknown**

Did part of labour occur in bath/pool?

(If "Yes" answered in Question 34 answer the below)

Was the baby born in bath/pool?

35. Mode of birth: *(Select one for each baby/fetus this pregnancy)***First baby/fetus****Second baby/fetus**

Normal vaginal delivery

Vaginal breech

Operative vaginal delivery

Caesarean section

Unknown/not stated

If more than two babies/fetuses please state:

*(If "Vaginal breech" selected for Question 35 answer the three questions below)***a. When was breech diagnosed?** Breech identified prior to labour Breech identified during labour**b. Mode of delivery** Assisted Extraction Spontaneous**c. Was an anaesthetic administered?****Yes** **No** **Unknown** *(If "Yes", please select one)*General Local Spinal Other Epidural If other please state: *(If "Operative delivery" selected for Question 35 answer the two questions below)***a. Mode of delivery** Forceps low Ventouse low Forceps mid-cavity Ventouse mid Forceps mid-cavity with rotation Ventouse mid-rotation**b. Was an anaesthetic administered?****Yes** **No** **Unknown** *(If "Yes", please select one)*General Local Spinal Other Epidural If other please state: *(If "Caesarean section" selected for Question 35 answer the three questions below)***a. Were forceps tried first?** Forceps/Ventouse attempted **before** Caesarean Forceps/Ventouse **not** attempted before Caesarean

b. Type of caesarean section

If the baby born by caesarean section, please state the type of caesarean section

Planned - no labour

Unplanned - no labour

Planned - during labour

Unplanned - during labour

c. Was an anaesthetic administered?

Yes

No

Unknown

(If "Yes", please select one)

General

Local

Spinal

Other

Epidural

If other please state:

36. Maternal outcome:

Alive and generally well

Alive but with serious morbidity e.g. admitted to ICU, hysterectomy or stroke.

Dead *(Please add further details if morbidity or mortality has occurred)*

37. Placenta:

a) Placenta weight: gm or placenta not weighed Unknown

b) Placental examination: Not examined Normal Some abnormalities

(If "Some abnormalities" select all relevant)

Retroplacental clot

Gritty/ calcified

Circumvallate placenta

Other If other please state:

38. Umbilical cord examined?

Yes

No

Unknown

(If "Yes" selected answer the below)

Any problems with cord? (Select all relevant)

True knot *(If selected answer)* tight knot loose knot

Cord round neck *(If selected answer)* tight around loose around

Cord round limbs or body *(If selected answer)* tight around loose around

Torsion/spring-like cord (e.g. hypercoiled)

Marginal/ velamentous insertion

Abnormal cord thickness *(If selected answer)* thin cord thick cord

Meconium stained

Tear in cord

2 vessels

Other abnormality If other please state:

39. Summary

Please provide any information you think relevant that was not covered in the previous questions, which you consider may have contributed to the outcome. *(Please continue over page)*

Form completed by:

Name:

Designation:

**Contact details: Phone-
Email-**

Date:

**LMC name and address if different to clinician
completing the form**

Please send (mail or fax) the completed form to:

National Coordination Service
Perinatal and Maternal Mortality Review Committee (PMMRC)
Department of Obstetrics and Gynaecology
University of Auckland
Private Bag 92019
Auckland
Phone 09 923 4440
Fax 09 303 5969