# Antenatal Shared Care Guidelines







An Australian Government Initiative

# GP ANTENATAL SHARED CARE RESOURCE MANUAL

# FOREWARD

Welcome to the Royal Hospital for Women (RHW) Antenatal Shared Care Program (ANSC).

This document aims to provide clear guidelines for General Practitioners involved with the care of low risk antenatal women and their babies who birth at the RHW. It is a clinical frame work designed to ensure optimal clinical care and woman safety.

The GP ANSC Program is co-ordinated jointly with the RHW and Central and Eastern Sydney PHN (CESPHN).

This resource manual can be viewed online at the RHW web site

https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/services-clinics/directory/having-ababy/information-for-general-practitioner-gp

For RHW Local Operating Procedures (LOP's), follow the below link:

https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/policies-and-publications

We would like to thank all participants who have contributed to the protocol

# **TABLE OF CONTENTS**

# **GP ANTENATAL SHARED CARE PROTOCOL**

SECTION	CONTENTS	PAGE
1.	RHW Contacts for Clinical Advice	4
2.	Aim, Objectives, Affiliation, Education & GP Requirements	5
3.	Care at RHW	6
4.	Booking for Shared Care	9
5.	Frequency of Visits	10
6.	Suitability for Shared Care	14
7.	Criteria for Referral Back to the First Available Clinic	15
8.	Criteria for Immediate Assessment at Hospital	16
9.	Antenatal Record Card	17
10.	Recommended Routine Antenatal Investigation	18
11.	Additional Comments	19
12.	Determination of Estimated Due Date	21
13.	Antenatal Examinations	22
14.	Postnatal Check	23
15.	RHW Referral Forms	24
16.	Useful Web Resources	31
Appendix A	Royal Hospital for Women Contacts	35
Appendix B	Mental Health Contacts	39

1 RHW CONTACTS FOR CLINICAL ADVICE

URGE	NT	all hours	Delivery Suite	0439 869 035	
Nor Urge	-	Week Days 8am – 4pm	141/9951		* If the <b>mobile phone is unattended</b> call switch and ask to speak to the obstetric registrar for GP ANSC Drs Coogan, Fay, Owen and Lee.
		After-hours	Page O&G Registrar or Nursing supervisor	# 93826111	# If the registrar is unavailable then ask switch to page the Nursing Supervisor. The Nursing Supervisor will take your message and identify an appropriate staff member to answer your question as soon as possible.

### EARLY PREGNANCY ASSESSMENT SERVICE (EPAS)

If you need advice for women who are less than 20 weeks pregnant who have abdominal pain, vaginal bleeding or other obstetric concerns and you wish the woman to be reviewed by the Early Pregnancy Assessment Service (EPAS) call

9382 6111 and page 46520, or if out of hours page the Nursing Supervisor on 44020.

This is an **appointment only service** and a referral is required.

The clinic hours are from 7:30 until 11 am Monday- Friday.

### PREGNANCY DAY STAY UNIT (PDSU)

Women should be greater than 20 weeks pregnant and indication for referral includes: IUGR diagnosed by U/S, BP profile and monitoring (antenatal and postnatal), pre-labour premature rupture of membranes (after first assessment), ambulatory BP monitoring, cholestasis follow up, iron infusions, hyperemesis, clexane education and injections.

Please call 9382 6417(Monday – Friday) or the obstetric registrar on call to refer women to this service. PDSU is an **appointment only service** and a referral is required.

### **DELIVERY SUITE**

Please call the Triage mobile number 0439 869 035 for any urgent pregnancy and labour enquiries 24 hours / 7 days.

### **GP ADVICE LINE**

This is triaged by senior midwives in OPD between the hours 8am and 4pm and is for non-urgent advice only. Call 0417 995 153.

# 2 AIM, OBJECTIVES, AFFILIATION, EDUCATION & GP REQUIREMENTS

### AIM

The ANSC Program aims to provide a high standard of antenatal care for women who have a low risk pregnancy. The women are cared for by the Antenatal Services at RHW in conjunction with their GP.

### **OBJECTIVES**

The objectives of the GP ANSC Program are:

- To provide choice, continuity of care and greater accessibility for women by seeing their General Practitioner during pregnancy.
- To enable registered GP's to provide a high standard of antenatal care to women who are considered suitable for ANSC.
- To provide GP's with a recommended 'Best Practice' standard of antenatal care.
- To reduce demands on the hospital outpatient services.

# ELIGIBILITY

To be eligible to be a member of the ANSC Program in South East Area Local Health District (SESLHD) the GP must:

- Be known to Central and Eastern Sydney PHN.
- Fulfil the requirements for SESLHD GP affiliation.
- Agree to follow Local Operating Procedures (LOP's).

### AFFILIATION

GPs wishing to practice ANSC need to be affiliated in the program. Affiliation for ANSC requires:

- Satisfying the current requirements of SESLHD for appointment as an affiliated GP at the RHW.
- Attendance at a RHW & CESPHN ANSC course.
- **Maintain 12 POINTS** of endorsed ANSC educational activities for each triennium. Each Primary Health Network will record the names of the GPs attending the activities they run, if GPs attend activities outside of their local PHN, they must inform their own area PHN so the points can be recorded.

# QUALITY ASSURANCE

Quality assurance activities will be conducted periodically by CESPHN in conjunction with the RHW.

### PREGNANCY OPTIONS OF CARE AT RHW

### **Midwives Clinic and GP ANSC**

Pregnancy care is shared between an affiliated GP and midwives from the Antenatal clinic. Women generally see the same midwife when they attend the clinic.

Hospital doctors are always available at the RHW if complications arise. Labour care will be from the midwives in the Delivery Suite.

### **Doctors Clinic and GP ANSC**

For women who require extra medical supervision and may have a stable pre-existing medical condition that does not require high risk obstetric management. Low risk Medicare Ineligible women also do this option of care.

### Maternity Antenatal and Postnatal Services (MAPS) and ANSC

A team of midwives who provide the woman with continuity of care during their pregnancy and in the early postnatal period, in collaboration with an affiliated GP. MAPS midwives do not provide care in labour. Some women within this model will have the opportunity to join a Pregnancy Centred Care Group (PCC). PCC is a model of care in which the woman receive their care in a group setting with other women around the same gestation.

### Midwifery Group Practice (MGP)

Continuity of midwifery care is provided by a small group of midwives who are on call throughout the pregnancy, birth and early postnatal period at home. Early transfer home is encouraged so that care can be provided at home by the same group of midwives.

Home Birth is also an option offered through MGP.

# NB Places are limited and this option is not available if women live outside of the RHW catchment area.

#### Malabar Community Midwifery Link Service

For women living in the area of La Perouse, Malabar and surrounding suburbs. Priority is given to women who are from an Aboriginal or a culturally and linguistically diverse community. Aboriginal women who live outside the Malabar area who are giving birth at the RHW are also able to use this service. Continuity of care is provided by a group of midwives who are on call throughout the pregnancy, birth and early postnatal period at home. Pregnancy care is available in the Malabar clinic or in the hospital.

### **Doctors Clinic**

Pregnancy care is by hospital doctors for women who have special medical or obstetric needs. Labour care is by Delivery Suite midwives in consultation with hospital doctors.

### Twin Pregnancy Clinic

This clinic caters for the special needs of women and their families when preparing for the birth of twins. The clinic consists of a multidisciplinary team including an Obstetrician with expertise in ultrasound, an advanced trainee in obstetrics (fellow), a Registrar and a Midwife who provide continuity of care in the pregnancy. Evidence based care is provided and links to multiple birth specific childbirth education is undertaken. Triplets or higher order multiple pregnancies are usually cared for in the department of maternal fetal medicine

# Maternal Fetal Medicine (MFM) Department & MFM Midwifery Group Practice (MFM/MGP)

The Department of Maternal-Fetal Medicine (MFM) provides an integrated multidisciplinary service for women experiencing a "high risk" pregnancy. Women may be high risk because of maternal complications or fetal problems such as fetal abnormality, severe early onset growth restriction or conditions such as twin to twin transfusion.

The MFM service provides daily ultrasound lists for women with known or suspected fetal complications as well as dedicated lists for invasive diagnostic procedures (amniocentesis and chorionic villus sampling), each staffed by a Maternal-Fetal Medicine subspecialist and a maternal fetal medicine trainee. All our procedures are either performed or closely supervised by the subspecialist. We offer genetic counselling for those considering or undergoing first trimester screening and invasive assessment, or fetal abnormalities where appropriate.

We co-ordinate a broad multidisciplinary team that includes MFM subspecialists, obstetricians, midwives, neonatologists, neonatal surgeons (including specialised surgeons from Sydney Children's Hospital), geneticists, genetic counsellors and others. Frequently women will see a number of these staff for multiple consultations during their pregnancy; all covered by Medicare for both public and private patients.

For those with complicated pregnancies who are under the care of the Royal we have a midwifery group practice team who coordinate care including plans for birth and the puerperium. The midwives in the MFM Group Practice provide women with continuity of midwifery care from diagnosis, through pregnancy, birth and the early newborn time. They aim to build a deep and trusting professional relationship working with the women and other clinicians to provide the best possible support, care and information, individualised to each.

The Department has been chosen by NSW Health to be the New South Wales Fetal Therapy Centre and provides a NSW referral service for laser procedures for twin-twin transfusion syndrome as well as a number of other quaternary procedures such as in utero transfusions and fetal shunt placements. For women with medical conditions, multidisciplinary pregnancy care is undertaken with our obstetric medicine physicians and with the MFM MGP.

Women with suspected maternal infections such as Syphilis, HIV, primary CMV or parvovirus are cared for either in the maternal fetal medicine department or in the infections in pregnancy clinic, depending on the clinical issues/ gestation. Women with hepatitis B or C will also have their care coordinated by the infections in pregnancy clinic/ MAPs model of care.

### Private Obstetrician

Continuity of care is provided by a chosen obstetrician. Labour care is by the midwives in Delivery Suite in consultation with the obstetrician who will be present for the birth.

# **PRE- CONCEPTION OPTIONS OF CARE AT RHW**

### PlaN Clinic

PlaN Clinic is a free confidential pregnancy planning, lifestyle advisory service for women and their partners who are planning a pregnancy.

### **Complex Pre-conception Clinic (CPC)**

CPC is a specialised service for women and their partners who have a history of complex obstetric, medical and genetic conditions who are planning a pregnancy.

The clinic consists of a multidisciplinary team including an Obstetrician, Geneticist, Obstetric Physician, Midwife and Diabetic Educator.

# 4 BOOKING FOR SHARED CARE

### **BOOKING WITH RHW IS BETWEEN 14-16 WEEKS GESTATION**

### RHW booking procedure:

- Woman presents to the GP where pregnancy is confirmed.
- GP to discuss and offer appropriate antenatal testing and organise investigations as per RHW GP Shared Care Antenatal Care Protocol Summary (May 2022)
- GP to discuss all options of antenatal care.
- GP to provide information brochure explaining ANSC program and asks the woman to book online.

https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/servicesclinics/directory/having-a-baby/im-pregnant

- After booking online women will be contacted by RHW to arrange their booking in visit and will be sent an ANSC pack. The woman is advised to make a follow up appointment with their GP and to bring the ANSC pack to this appointment.
- GP to complete the Antenatal Booking Referral form. This form takes the place of a letter of referral.
- The "yellow" antenatal card will be completed by the midwife at the telehealth booking appointment, and is to be carried at all times.
- Ensure all routine investigations are completed and followed up before the booking visit.
- GP to encourage women to attend Childbirth and Parenting Classes & Breastfeeding Antenatal Classed

DUE to Covid-19 restrictions, the RHW Booking Visit is currently via telehealth. Fax referral, blood and ultrasound results and other relevant documentation to 9382 6118 prior to the booking.

### Late Diagnosis of Pregnancy

If a woman presents late, perform routine screening, arrange an antenatal appointment ASAP and notify the GP Liaison midwife on 9382-6016.

Offer the NIPT (Harmony) Test. This test is performed after 10 weeks gestation and estimates cell free fetal DNA within maternal circulation. NIPT can be used as a primary screening for aneuploidy (Trisomy 21, 18 and 13 and sex chromosome aneuploidy) in conjunction with a structural NT Ultrasound at 12-14 weeks.

Additionally, the woman should be offered referral to genetic counselling or diagnostic testing depending on their age, risk and wishes.

#### Earlier presentations to the Antenatal Clinic should occur if:

- There is a history of recurrent miscarriage; or
- If vaginal bleeding occurs. Any vaginal bleeding should be referred to the Early Pregnancy Assessment Service (EPAS).

# 5 FREQUENCY OF VISITS

### **ROUTINE ANTENATAL VISIT SCHEDULE**

First visit as soon as pregnancy suspected (with GP) and woman may require extra consultations.

After the booking visit, the schedule of visits is as follows:

These are shared between RHW and the GP as listed below:

- Booking visit 14-16 weeks gestation (now via Telehealth during Covid-19 Pandemic)
- 20 weeks (GP)
- 22 weeks (RHW)
- 28 weeks (GP)
- 30 31 weeks (RHW)
- 33 34 weeks (GP)
- 36 weeks (RHW)
- 38 weeks (GP)
- 39 41 weeks (weekly visits) (RHW)

# More frequent visits or referrals back to the Antenatal Clinic may be needed if complications arise. If the woman has significant complications, they may be asked to visit the Antenatal Clinic for the remainder of their pregnancy.

If a GP participating in ANSC is unable to see his/her woman (i.e., during holidays or sickness), then she should be referred to another colleague who is also accredited with the shared care programme. If she is unable to see another practitioner, then she may be referred back to RHW.

If a woman is not returning to the family doctor for ANSC, a letter/fax should be sent to explain the reason, similarly if a GP feels a woman is unsuitable for shared care a letter should be faxed to the clinic.



# RHW GP Shared Antenatal Care Protocol Summary (May 2022)

Any investigations requested by the GP for the woman under his/her care must be followed up by the GP concerned. It is the responsibility of the provider ordering the test or noting an abnormal finding to ensure appropriate follow-up and communication, irrespective of whether a copy is sent to the hospital.

ordering the test or notin	ng an abnormal finding to ensure appropriate follow-up and communication, irrespective of whether a co	py is sent to the hospital.
PROVIDER	ACTIVITIES AND CONSIDERATIONS	EDUCATION
GP	History       LMP / Menstrual Hx / Fertility Hx / Pelvic surgery / Previous pregnancies and outcomes / Family Hx (including congenital and genetic disorders) / Cervical         Screening / Medical and Surgical Hx (including Mental Health history) / Medications         Allergies / Drug and alcohol use         Examination       BP / Cardiac / Respiratory / Abdomen / Thyroid         Breast exam       Weight and Height – (BMI)         Assess       Suitability for GP shared antenatal care         Commence       Yellow antenatal card         Complete       Booking referral form online         https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/services-clinics/directory/having-a-baby/im-pregnant         Obtain       Woman consent for information sharing	Early Pregnancy Information Discuss Options for antenatal care Flu vaccine Covid 19 vaccine CMV Prevention Nutrition Iodine and folic acid Exercise
	ROUTINE INVESTIGATIONS	Genetic counselling
6-12 weeks	FBC, Blood Group and antibody screen Consider Ferritin (as per Clinical Practice Guidelines: Pregnancy Care, 2018) where prevalence of iron-deficiency anaemia is high Rubella IgG, Hepatitis B sAg, Hepatitis C antibody, Syphilis serology, HIV antibody Haemoglobin EPG & Iron Studies (if clinically indicated as per hospital guidelines) MSU for M C & S Cervical screening (if due) Early 75g OGTT (12-14 weeks) as per hospital guidelines.	Genetic Reproductive Carrier Screening Antenatal classes Pelvic floor exercises Emphasise Quitting smoking, Alcohol avoidance
	Arrange Dating scan if LMP uncertain and /or irregular cycle Offer NIPS <u>plus</u> Early Structural Ultrasound: 10 – 14 weeks <u>OR</u> Offer NT +/- Combined First Trimester Screening : 11 – 13+6 weeks Provide referral for morphology scan to be done between 18 - 20 weeks <u>ALL REFERRALS TO BE GIVEN AT THIS VISIT</u> <u>PLEASE FAX REFERRAL, BLOOD AND ULTRASOUND RESULTS AND OTHER</u> <u>RELEVANT DOCUMENTATION TO 9382 6118</u>	Consider Varicella TSH + T4 ;Urine: Chlamydia PCR Gonorrhoea PCR RECOMMEND FLU VACCINATION ANYTIME IN PREGNANCY
RHW ANC 14-16 weeks Booking Visit Currently via Telehealth	Completehistory and booking detailsDiscussoptions/models of care available within the hospitalAssessfor GP antenatal shared careProvidereferral for morphology ultrasound (ONLY if not done by GP)Completepsychosocial screen and ANRQ screen, VTE and Fetal Risk assessmentsReviewblood results + first trimester screeningDiscussOptional tests where indicated as aboveRefer backto GP with completed record card (yellow card).NB:If unsuitable for GP shared care, inform GP by fax or phone.CompleteGP shared care fax back form' and return to GPConsideran early 75g OGTT for high risk women, if not completed by GP	Offer all women information regarding antenatal classes, breastfeeding classes Consider referral to lactation consultation Arrange for anaesthetic review if indicated
GP 20 - 21 weeks	Routine antenatal visit. Monitor maternal and fetal well-being incl. BP, weight, UA, fundal height, FHR with Doppler, fetal movements. Review Morphology Ultrasound Provide referral form for: 26-28 week bloods (Blood Group & Antibody screening, FBC, Ferritin (consider), 2hr 75g OGTT) RECOMMEND DTPA (BOOSTRIX) VACCINATION AT ALL VISITS Monitor fetal wellbeing, listen to FHR with Doppler, ask about fetal movements	Discuss fetal movements BOOSTRIX VACCINATION RECOMMENDED BETWEEN 20 – 32 WEEKS
RHW ANC 22 weeks	If there is any concern contact Delivery Suite on 0439 869 035 Routine antenatal visit. Monitor maternal and fetal well-being incl. BP, weight, UA, fundal height, FHR with Doppler, fetal movements. Attend both Psychosocial & Domestic Violence (DV) screening, if not already done Remind all women to have the 26-28 week bloods and RH NEGATIVE WOMAN ANTI-D PROPHYLAXIS DUE AT 30 WEEKS AFTER THE ANTIBODY SCREEN	Give and discuss 22-26 week information pack

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GP 28 weeks	Routine antenatal visit. Monitor maternal and fetal well-being incl. BP, weight, UA, fundal height, FHR with Doppler, fetal movements. Review results of all investigations and refer to Diabetic Educator if positive GTT result Assess mood status (EDS), drug and alcohol and domestic violence screen	Encourage attendance to FREE antenatal breastfeeding information group
RHW ANC 30 - 31 weeks	Routine antenatal visit. Monitor maternal and fetal well-being incl. BP, weight, UA, fundal height, FHR with Doppler, fetal movements. <b>Referral</b> for 3 <sup>rd</sup> trimester ultrasound as per protocol, e.g., ↓ PAPPA; ↑BMI; LLP on morph <u>30 WEEKS PROPHYLACTIC ANTI-D FOR RH NEGATIVE WOMEN</u>	Give and discuss 31 week information pack Discuss when to call D/S, antenatal classes, breastfeeding classes
GP 33 - 34 weeks	Routine antenatal visit. Monitor maternal and fetal well-being incl. BP, weight, UA, fundal height, FHR with Doppler, fetal movements. <b>Consider</b> repeating FBC & Ferritin if history of anaemia <b>Ensure</b> Flu vaccine and DTPa have been attended to and if not discuss and provide immunisation this visit.	
RHW ANC 36 weeks	Routine antenatal visit. Monitor maternal and fetal well-being incl. BP, weight, UA, fundal height, FHR with Doppler, fetal movements, beside ultrasound to confirm presentation. <b>Review</b> 3 <sup>rd</sup> trimester ultrasound if applicable <b>Discuss</b> labour onset/modes of birth/analgesia options and dates for CS, if indicated <b>GBS Screen</b> - Take low vaginal swab as indicated by hospital protocol <b>36 WEEKS PROPHYLACTIC ANTI-D FOR RH NEGATIVE WOMEN</b>	Refer for U/S and Obstetric review if breech presentation PAC if LSCS planned
GP 38 weeks	Routine antenatal visit. Monitor maternal and fetal well-being incl. BP, weight, UA, fundal height, FHR with Doppler, fetal movements. <b>Review</b> all results <b>Explore</b> woman's birth expectations + support available in the early postnatal period	Recommend DTPa for close contacts if not already attended
RHW ANC 39–41 weeks Weekly Visits	Routine antenatal visit. Monitor maternal and fetal well-being incl. BP, weight, UA, fundal height,FHR with Doppler, fetal movements.OfferCervical assessment +/- membrane sweepAssesssuitability for induction of labour (IOL), e.g., AMA at termArrange/bookinduction of labour as appropriate or dates for CS, if indicated ongoing fetal welfare assessment as appropriate	Discuss IOL and provide information
GP 6 weeks Postpartum	Postnatal visit         Ask about:       Labour complications, current bleeding, perineal wound healing, incontinence and pelvic floor, breastfeeding , sleep patterns (Mum and baby), support systems at home, breastfeeding management - refer if problems         Assessment       Maternal mental health status (EDS)         Examine       Weight, BP, breasts, uterine involution, wound check perineum/C section         Perform       Cervical screening if due         Investigations       FBC, iron studies, TSH where indicated         Discuss       contraception and pelvic floor exercises, refer if required.         Book       Baby 6 week check and immunisations         Repeat       75g Oral GTT as per Woman's Diabetes Care Plan         TO GIVE PERTUSSIS VACCINATION FOR WOMAN AND HOUSEHOLD CONTACTS, IF NOT ALREADY GIVEN	Consider Child and Family Health Centre and postnatal supports Child Immunisation according to Australian Immunisation Handbook Baby Health Centres Mother's Groups Discuss Infant feeding knowledge Sleep and SIDS Family Immunisation (Adult and Neonate)

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### IMPORTANT CONTACT NUMBERS

<b>GP Advice Line</b> 0417 995 153	DELIVERY SUITE TRIAGE 0439 869 035	Mental Health Crisis Team 1800 011 511	<b>RHW Switcнвоаrd</b> 02 9382 6111
Antenatal Outpatients Clinic Referral required PH: 9382 6048 FAX: 9382 6118	Drug and Alcohol Counselling in Pregnancy (CUPS) page via switch	Mental Health Clinical Midwifery Consultant 0457 733 554	Pregnancy Day Stay PH: 9382 6417 FAX: 9382 6404
Antenatal Outpatients Midwifery Unit Manager PH: 9382 6047	EPAS Appointment Only Referral required PH: 9382 6701 Out of Hours PH: 9382 6536 or page Nursing Supervisor via switch	Mental Health Psychiatrist(with referral) PH:9382 6091 SESLHD-mentalhealth-referral- RHW@health.nsw.gov.au FAX: 9382 6421	Social Work Referral required PH: 9382 6670
Australian Breastfeeding Association (ABA) 1800 686 268	Genetic Counselling PH: 9382 6098 or page via switch	MotherSafe PH: 9382 6539 or 1800 647 848	Ultrasound / Medical Imaging PH: 9382 6080
Cross Cultural Worker Galuh Sapthari 0439 510 697 (Mon – Wed)	GPSC Liaison Midwife PH: 9382 6016 0417 995 153	OASIS Postnatal Clinic Referral required PH: 9382 6048	
Diabetes Educator Referral required PH: 9382 6010	Lactation Consultant PH: 9382 6341 or page via switch	Perinatal Outreach Mental Health Service (POMHS) Referral required PH: 9382 6303	
Dietician Referral required PH: 9382 6048	Maternal Fetal Medicine Referral required PH: 9382 6098 FETUS PH: 0437 537 448	Physiotherapy Referral required PH: 9382 6540	

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# 6 SUITABILITY FOR SHARED CARE

Women usually unsuitable for ANSC are those who have a major medical condition. eg:

Cardiac disease

Diabetes

**Drug addiction** 

Epilepsy

Haemoglobinopathy

History of preterm delivery/preterm rupture of membranes <32/40

Hypertension

Multiple pregnancy

Obesity BMI>30

History of IUGR

Previous stillbirth, neonatal death

Renal disease

Rhesus isoimmunisation

Significant anaemia

Thyroid disease (unless just subclinical or under the care of an endocrinologist already)

Uterine abnormalities

Human Immunodeficiency Virus (HIV)

### PLEASE REFER TO THE BELOW HYPER LINK FOR RHW'S LOCAL OPERATING PROCEDURES

https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/policies-and-publications

# 7 CRITERIA FOR REFERRAL BACK TO THE FIRST AVAILABLE CLINIC

The GP is encouraged to return women back to the first available Antenatal Clinic if any of the following problems arise:

- Multiple pregnancy (refer to Twins clinic)
- Gestational Diabetes
- Uterine growth is unusually small or large,
  - i.e. Symphysial-fundal height is  $\leq$  3cm or  $\geq$  3cm Gestation (weeks)
- Increased uterine activity is noted or reported (i.e. ? preterm labour)
- Placenta praevia detected
- Fetal abnormality is suspected/detected (refer directly to Maternal Fetal Medicine (MFM)
- Generalised pruritis
- Hb <95g/L
- Rhesus isoimmunisation.
- Malpresentation after 36 weeks, e.g., breech
   <a href="https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/policies-and-publications">https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/policies-and-publications</a>
- Infection such as Syphilis, HIV, suspected Cytomegalovirus (CMV)
- Necessity for support services such as social worker or drug & alcohol services
- Any other problem which represents a significant departure from a normal Antenatal course and which will require attention before a routine clinic.

8 CRITERIA FOR IMMEDIATE ASSESSMENT AT HOSPITAL

### WHENEVER THE FOLLOWING OCCURS:

- 1. Intractable vomiting with dehydration and ketosis.
- 2. Preterm rupture of membranes.
- 3. Threatened preterm delivery.
- 4. Undiagnosed severe abdominal pain.
- 5. Antepartum haemorrhage.
- 6. Decreased foetal movements.
- 7. Suspicion of fetal death in-utero.
- 8. Unusual headaches or visual disturbances.
- 9. Seizures or "faints" in which seizure activity may have occurred.
- 10. Dyspnoea on mild-moderate exertion, orthopnoea or nocturnal dyspnoea
- 11. Symptoms or signs suggestive of deep vein thrombosis.
- 12. Pyelonephritis.
- 13. Symptoms or signs of pre-eclampsia

## RUPTURE OF MEMBRANES AND ANTEPARTUM HAEMORRHAGE SHOULD GO IMMEDIATELY TO THE DELIVERY SUITE FOR ASSESSMENT

- Women referred back to the RHW should be assessed by either the obstetric registrar or a specialist. To help ensure this happens, they should be accompanied by a letterhead referral. It is also advisable to notify the registrar of the referral.
- If unsure whether the situation requires urgent Delivery Suite assessment or an earlier clinic appointment it should be discussed with the registrar.
- Complications arising that may not need hospital assessment should be discussed with the registrar.

# PLEASE NOTE THAT FOR WOMEN IN THESE URGENT CATEGORIES, VAGINAL SPECULUM EXAMINATIONS WOULD NOT BE APPROPRIATE IN THE GP ROOMS.

# 9 ANTENATAL RECORD CARD

Medical records are the key to good communications and good communication is the essence of successful shared care. Documentation on the "yellow card" following each encounter is mandatory. The yellow card will be issued to the woman by her GP or at her initial visit to the Antenatal Clinic.

The record should be completed in a uniform manner using only standard and widely accepted abbreviations. Entries in the antenatal record should be written legibly and signed. GP's should stamp their details on the bottom right-hand corner of the yellow card so that their contact details are easily accessible.

Women involved in shared care will be given this yellow antenatal record and this should be carried by her at all times. Since this antenatal record becomes the official hospital record (and sometimes the only one available at the time the woman is admitted) it is important that it be as complete as possible.

Should the woman forget her card at a visit, the relevant details should be copied onto a letterhead and given to her to keep with the card.

Pathology tests and ultrasound results are to be recorded on the front of yellow antenatal record.

When any investigations are performed by the GP, the results are entered onto the yellow antenatal record. If the results are not available at the time of the visit, then write down the name of the service used and the date ordered.

# DUE TO THE COVID 19 PANDEMIC THE BOOKING VISIT WILL BE VIA TELEHEALTH.

### PLEASE FAX ALL REFERRALS, BLOOD AND ULTRASOUND RESULTS AND OTHER RELEVANT DOCUMENTATION TO: 9382 6118, PRIOR TO THE BOOKING APPOINTMENT

# 10 RECOMMENDED ROUTINE ANTENATAL INVESTIGATION

# ARRANGED BY GP (Refer to the Protocol summary on pages 11-13)

GP to discuss and offer appropriate antenatal testing to all women and to organise investigations as per protocol on confirmation of pregnancy.	<ul> <li>FBC, Ferritin (consider), Blood Group and Antibody Screen</li> <li>Haemoglobin EPG (as per hospital guidelines)</li> <li>Rubella Serology</li> <li>Hepatitis B sAg, Hepatitis C antibody screening</li> <li>Syphilis serology</li> <li>HIV antibody</li> <li>MSU for M C &amp; S</li> <li>Cervical screening (if due)</li> <li>Early 75g OGTT (12-14 weeks) as per hospital guidelines</li> </ul>
Optional screening tests for common chromosomal abnormalities All health care providers should discuss and offer these special Antenatal tests to all women	<ul> <li>Test available are:</li> <li>Combined First Trimester Screening (cFTS)</li> <li>11 – 13+6 weeks Nuchal Translucency (NT) Ultrasound and PAPP-A and free B-hCG serum biochemistry</li> <li>OR</li> <li>NIPT from 10 weeks in conjunction with a Structural NT Ultrasound at 12-14 weeks gestation</li> <li>Women to be counselled that these are SCREENING tests and not 100% accurate. Woman will incur a cost.</li> </ul>
18 weeks	Morphology Ultrasound
26 - 28 weeks	<ul> <li>Blood Group and Antibody Screen</li> <li>FBC, Ferritin (consider)</li> <li>Diabetes Screening- 75g oral GTT</li> <li>Boostrix from 20 weeks – 32 weeks</li> </ul>

### NB: IF EITHER THE cFTS OR NIPT RETURN A HIGH RISK RESULT REFER IMMEDIATELY TO RHW GENETIC COUNSELLING

# 11 ADDITIONAL COMMENTS

### Folic Acid and Iron

Folic Acid 500mcg should be recommended for all women from 1 month pre-conception up to 12 weeks gestation. The dose increased to 5mg if woman is taking antiepileptic drugs.

Oral iron is recommended for those with a booking Hb of <110g/L after appropriate investigation shows iron deficiency.

### lodine

NHMRC recommends supplementation of 150 µg/day to ensure that all women who are pregnant, breastfeeding or considering pregnancy have adequate iodine status.

# Ultrasound, Combined First Trimester Screening (cFTS) and Non Invasive Prenatal Testing (NIPT)

First trimester dating scan is required for those with uncertain dates.

Ultrasound should also be performed for relevant complications (e.g., vaginal bleeding).

#### Combined First Trimester Screening (cFTS)

Involves Nuchal Translucency (NT) scan at 11 – 14 weeks **AND** Serum Biochemistry for Pregnancy Associated Plasma Protein - A (PAPP-A) and Free Beta Human Chorionic Gonadotropin ( $\beta$ hCG). Please ensure that the Ultrasound provider is fully accredited to perform NT scans

Screening of a low risk population for the later development of pre-eclampsia is currently undergoing evaluation.

#### NIPT (Harmony) Testing

This test is performed after 10 weeks gestation and estimates cell free fetal DNA within maternal circulation. NIPT can be used as a primary screening for an euploidy (Trisomy 21,18 and 13 and sex chromosome an euploidy) in conjunction with a structural NT Ultrasound at 12-14 weeks.

### NB: IF EITHER THE cFTS OR NIPT RETURN A HIGH RISK RESULT REFER IMMEDIATELY TO RHW GENETIC COUNSELLING

#### Morphology Ultrasound

An 18-20 weeks fetal morphology ultrasound is recommended. It is recommended that the ultrasound provider specialises in obstetrics and gynaecology. If there is a fetal anomaly identified, please call the mobile Fetus Phone – 0437 537 448.

# Please note abnormalities (e.g. low placenta) on the yellow card, the date the test was performed as well as gestational age.

Dating of the pregnancy by ultrasound becomes increasingly unreliable after 20 weeks gestation.

Please give a copy of the report to the woman to bring to her next Antenatal Clinic visit.

For further details please refer to the link on genetic counselling <u>https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/policies-and-publications/functional-group/384</u>

### Antenatal Colposcopy

Women with Cervical Intra-epithelial Neoplasia (CIN) diagnosed on the antenatal smear or just prior to the pregnancy should be referred for Colposcopy - this can be done through the clinic or alternative facilities according to woman's choice.

### Prophylactic Anti-D

Given to all Rhesus negative women at between 28 - 31 and 34 - 36 weeks in hospital clinics.

#### Thalassaemia Screening

It is recommended that all pregnant women from the following risk groups be offered haemoglobin EPG as an initial investigation together with a full blood count, ferritin and a manual film.

• South East Asian, Asian, Indian Pakistan, Bangladesh), Mediterranean, Arabic, or Black African women

If a known carrier the father's status needs to be ascertained, if father is a carrier refer to genetics counsellor.

https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/policies-and-publications/functionalgroup/368

### Varicella

This screening test to be offered all women who do not have a good history of having had the disease

### Influenza

Recommended for all women planning a pregnancy and for those women who are pregnant in the influenza season regardless of gestation

### Pertussis

Boostrix vaccination is recommended from 20 weeks – 32 weeks gestation.

#### Discuss Chlamydia testing with < 25yr olds and those women 'at risk' (refer to Local Operating Procedures: Antenatal Care – Sexual Transmitted Infections (STI) Blood Borne Viruses (BBV) Antenatal Screening & Treatment

https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/policies-and-publications/functionalgroup/368

### TSH and T4

Routine screening for thyroid dysfunction in pregnancy is **<u>NOT RECOMMENDED</u>** however risk factors for screening (recommended by American Thyroid Association) are:

- Symptoms of thyroid disease
- Personal or family history of thyroid disease
- Personal history of positive TPOAbs
- Type 1 diabetes mellitus or other autoimmune disease
- Personal history of head and neck radiation
- Personal history or recurrent miscarriage and/or reduced fertility
- BMI >35

#### Please refer to Local Operating Procedures: Antenatal Pregnancy Care – Thyroid Disease

https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/policies-and-publications/functionalgroup/368

# 12 DETERMINATION OF ESTIMATED DUE DATE

# **ESTIMATED DUE DATE (EDD)**

Determine the woman's last menstrual period (LMP) and length of menstrual cycle.

- Known LMP and 28 day cycle, calculate EDD by adding 280 days
- Where the cycle is greater than 28 days add 1 day for each day above 28
- Where the cycle is less than 28 days subtract 1 day for each day below 28

Alter the EDD accordingly if 1<sup>st</sup> trimester (<=12 weeks) ultrasound differs from calculated gestation by 6 days or more.

Alter the EDD accordingly if 2<sup>nd</sup> trimester (<13 - 24) weeks differs from calculated EDD by 10 days or more.

**DO NOT** alter EDD if 1<sup>st</sup> trimester ultrasound is available.

Use earliest ultrasound to estimate EDD if unknown/unsure LMP. The optimal gestation is greater than 8 weeks to 13 weeks.

Adjust EDD accordingly where due date of conception is known i.e. assisted reproduction

Please refer to Local Operating Procedures: Antenatal Care – Estimated Due Date (Policy currently under review)

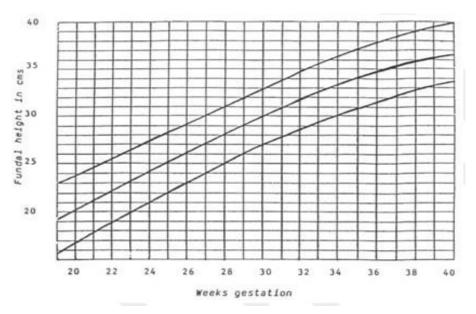
https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/policies-and-publications/functionalgroup/368

# 13 ANTENATAL EXAMINATIONS

### ANTENATAL VISITS INCLUDE THE FOLLOWING:

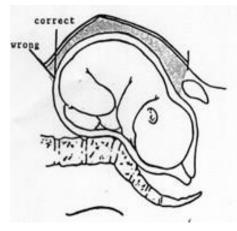
(Refer to the Safer Baby Bundle website listed on page 30)

- History fetal movements, etc
- Examination:
- BP
- Urinalysis
- Evidence of oedema
- The fetal presentation after 26 weeks.
- The engagement of the head after 37 weeks.
- Fetal Heart Rate Doppler after 16 weeks
- Estimation of fundal height Symphysial-Fundal Height to be measured after 20 weeks



#### SYMPHYSIAL-FUNDAL HEIGHT CHART

The curves represent the 10th, 50th and 90<sup>th</sup> percentiles for normal pregnancy. Readings below the 10th percentile, between 28 and 34 weeks' gestation are most likely to predict intrauterine growth restriction.



#### CORRECT METHOD

The top of the uterine fundus should be detected by palpation vertically downwards. Fundal height should be measured from the top of the fundus of the uterus to the top of the symphysis pubis, with the tape measure lying in contact with the skin of the abdominal wall. The measurement at the fundus should be made by palpation vertically downward.

# 14 POSTNATAL CHECK

Postnatal checks should be as early as required generally between 4-6 weeks after birth.

Details of the birth are available on the Maternal & Newborn Discharge Summary which are given to the woman on discharge from hospital care.

### HISTORY

- Psychological state (e.g., Postnatal Depression)
- Feeding/settling problems
- Lochia (usually stopped by 6 weeks, first period may occur at 6 weeks. Lochia is usually clear of blood by 2 weeks)
- Physical sequela post birth (e.g., backache/urinary symptoms etc)
- Enquire about intercourse and any associated problems.
- Contraception (may fit diaphragm at this stage, avoid combined O.C.P. if breast feeding)

### **EXAMINATION**

- BP (re-check again at 3/12 if high during pregnancy)
- Breasts
- Abdominal examination to check for fundal height
- P.V. check episiotomy / tears, cauterise granulomas, etc
- Check for prolapse (pelvic floor tone)
- Cervical Screening (if due)
- Hb (if significant PPH or previously anaemic)
- Check for goitre (post-natal thyroiditis)
- For the women who were insulin requiring gestational diabetics, ensure follow up with the hospital clinic.
- Some women may be asked to attend the hospital clinic for review if they had obstetric complications.

Follow up any medical problems if diagnosed during pregnancy

### **OFFER**

- Vaccination of new parents for pertussis as per NHMRC guidelines
- 2nd MMR to mother who had low immunity and given the first MMR vaccine in hospital as per NHMRC guidelines

# 15 RHW REFERRAL FORMS (EXAMPLES ONLY)

Health	FAMILY NAME MRN				
South Eastern Sydney					
Facility: The Royal Hospital for Women	D.O.B// M.O.				
	ADDRESS				
ANTENATAL REFERRAL	LOCATION / WARD				
	COMPLETE ALL DETAILS OR AFFIX PATIENT LABEL HERE				
GP STAMP:	THIS WOMAN IS TO RETURN				
	TO ME FOR SHARED CARE?				
Fax No:	GP Signature:				
Ph. No: Provider No:	Date: / /				
when one ing inst trinester screening for Aneuploi	ly, please counsel and organise before 13 weeks gestation.				
Consultants: Dr Coogan, Dr Fay, Dr Horrowitz, Dr Lee					
NAME Age	EXAMINATION:				
L.M.P Regular / Irregular	BP/ at weeks gestation				
E.D.C	Abdomen Heart				
	Lunas Thyroid				
Gravida Para Miscarriage	Breast examination				
CURRENT PREGNANCY: (tick if present)	BMI				
□ Nausea / vomiting □ PV bleeding	Other findings:				
Abdominal pain	MEDICAL HISTORY: (tick if present)				
Current Medications	Hypertension     Hepatitis: Specify      Gardiac				
	DiabetesAsthma				
□ Folic Acid □ Iodine	☐ Thyroid ☐ Renal ☐ PCOS ☐ Epilepsy				
Cigarettes - number per day	Other: Transfusions				
Alcohol - gm / week	Infertility/IVF Mental Health: Characteristics				
Allergies	Endometriosis Specify     Sexually Transmitted Infections Depression / Anxiety				
PREVIOUS OBSTETRIC HISTORY:	Other past History				
Year of Gestation Birth Pregnancy Type of Post Birth Weight Issues Birth Issue					
	Previous surgery (especially uterine)				
	SOCIAL HISTORY:				
	RESULTS				
	Please ensure the following results are available: (and a copy given to your patient)				
	Blood group & Syphilis (ELISA)				
	antibody screen Hepatitis B (surface antigen) Full blood count Hepatitis C				
	Haemoglobin EPG HIV (as per hospital guidelines) MSU for M/C/S				
	Rubella IgG				
	Cervical Screening Test				
	HPV Date				
	LBC Date Result				
FAMILY HISTORY: (tick if present)	Prenatal Diagnosis arranged Yes Decline				
Cardiac Bleeding issues	If yes, then type arranged INT Plus Other				
Diabetes Mental Health	Specify				
Hypertension	Genetic councelling arranged				
☐ Hypertension ☐ Congenital abnormalities Specify	Genetic counselling arranged ☐Yes ☐No Morphology ultrasound booked ☐Yes ☐No				

South Eastern Sydney Local Health District Facility: The Royal Hospital for Women	GIVEN N				
Facility: The Royal Hospital for Women	D.O.B.				
		//	M.O.		
	ADDRES	ss ,		· · · · · · · · · · · · · · · · · · ·	
ANTENATAL REFERRAL					
		DN / WARD			_
·	<u> </u>	OMPLETE ALL DETAILS	OR AFFIX P	ATIENT LABEL HERE	-
WOMAN TO C	OMPLI	ETE THIS SECTION	l		
amily Name:		Given Names:			1
Previous/Family Name:		Previous/Family Name:	÷		1
Date of Birth: Medicare card #:			_/ Ex	p date:	
	Married Unknowr	Never married	Separat	ed Widowed	
Country of Birth:		Religion:			
anguage used at home:		Interpreter needed:	□ Yes	No	-
Are you Australian Aboriginal?		Are you Torres Strait Islan			
s the father of the baby Australian Aboriginal? Yes Private insurance: Yes No Fund Name:		s the father of the baby To	Fund N		B
					BINDING MARGIN - NO WRITIN
	eciproca				IG M
Home Address		Pers	on to Co	ntact	ARG
Street:		Name:			
		Relationship:			NOV
Suburb:	;	Street:			BINDING MARGIN - NO WRITING
State: P/code:		Suburb:			ING
Phone no: (h)		State:	P/code:		-
				· · ··································	
w) (Mob)		Phone no:			
lave you attended this Hospital before?					
lave you previously received pregnancy care at the Ro		If yes, under what family ital for Women		Yes No	
Nould you like Shared Pregnancy Care with your GP &			_	Yes No	
Shared Care involves alternating visits with your GP and the Hospital c			L		
Vould you like Midwifery Group Practice? (a waiting list	usually a	applies)	C	Yes No	ა <b>=</b>
What is your preferred appointment time for your hospita	al pregna	ancy care?		∃am □pm	ES
agree that my personal health information may be share	red betwo	een my GP and the hosp	ital.		060409
lame	Signat	ure		_ Date: / /	60
PLEASE BRING THIS COMPLETED I		TO VOUR FIRST AN	ΙΤΕΝΔΤΔ		
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IN APPOINTMENT AT TH		AL HOSPITAL FOR			

Page 2 of 2

NO WRITING

SOUTH EASTERN SYDNEY	FAMILY NAME	MRN
ILLAWARRA NSW⊕HEALTH	GIVEN NAME	
Facility:	D.O.B// M.O.	
	ADDRESS	-
REFERRAL - MATERNITY ASSESSMENT UNIT		
ASSESSMENT UNIT	LOCATION / WARD	
Date:	COMPLETE ALL DETAILS OR AFF	IN PARENT LADEL HERE
Interpreter Required Y/N		
Phone Number:	· · ·	• •
Medicare No. : / /		
Private      Hospital      Medicare Ineligible		
G: P: Gestation:		
EDC: LMP:		
Indication for referral:		
Relevant History:	· ·	
		·····
INVESTIGATIONS REQUIRED		
□ CTG		
BP monitoring		
□ Temperature/Pulse		
Blood test (specify):		
Frequency:		
Frequency:	□AFI & Doppler	
Frequency:     Urinalysis     Ultrasound   Growth     Frequency:		
Frequency:		
Frequency:     Urinalysis     Ultrasound   Growth     Frequency:		
Frequency:	□AFI & Doppler	
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Frequency:	□ AFI & Doppler	
Frequency:   Urinalysis   Ultrasound   Frequency:   LVS   LVS   Anti D   Fluids/medications:   Other:   Plan / Following review notify:	□AFI & Doppler	
Frequency:	□AFI & Doppler	
Frequency:   Urinalysis   Ultrasound   Frequency:   LVS   LVS   Anti D   Fluids/medications:   Other:   Plan / Following review notify:	□ AFI & Doppler	
Frequency:	□ AFI & Doppler	
Frequency:   Urinalysis   Ultrasound   Growth   Frequency:   LVS   Anti D   Fluids/medications:   Other:   Plan / Following review notify:   F/U:     REFERRING DOCTOR'S SIGNATURE:	□ AFI & Doppler	
Frequency:	□ AFI & Doppler	

1001 Health	FAMILY NAME			MRN
NSW South Eastern Sydney Local Health District	GIVEN NAME			
	D.O.8/	/	M.O.	
Facility: Royal Hospital for Women	ADDRESS			
PHYSIOTHERAPY DEPARTMENT OUTPATIENT		···· #···		
	LOCATION / WARE	0		
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REFERRAL         Research and a state of the second state of the	/nocturia constipation al pain axity on (Back/Pelvis/H o/household activ	Derector of the second	V@health.r <u>se comple</u> number cui s current expressly to eligible Y AM).	te this box rrent wants this ES I NO I
How bothersome/distre         Not Bothersome       01234         If in pain determine the         Nil pain       01234         Symptoms – please describe what is bother	-567 ir PAIN/Severity 567 ing the patient:	-891 score. Circle 89	0 Extreme at best and 10 Worst pr	d worst.
Not Bothersome 01234 If in pain determine the Nil pain 01234 Symptoms – please describe what is bother Bymptoms – please describe what is bother Referral made by; Midwife	ir PAIN/Severity	-891 score. Circle -89	0 Extreme at best and 10 Worst pr ed Health	d worst.
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Not Bothersome 01234 If in pain determine the Nil pain 01234 Symptoms please describe what is bother Symptoms please describe what is bother Breferral made by; Midwife	ir PAIN/Severity	-891 score. Circle -89 s	0 Extreme at best and 10 Worst pr ed Health	d worst.
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Not Bothersome       01234         If in pain determine the         Nil pain       01234         Symptoms - please describe what is bother         Symptoms - please describe what is bother         Beferral made by;         Midwife       GP/Private Specialist         Other       Clearly Print Full Name:         Clinic or Midwife group (if appropriate)       Best contact/Department number	ir PAIN/Severity 567 ing the patient: DRHW Doctors	-891 score. Circle -89 s	0 Extreme at best and 10 Worst pr ed Health ignature apy depart	d worst. ain imaginable

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Level 0, Royal Hospital for Woman Barker Street Randwick NSW 2031 Ph: (02) 9382 6098 Fax: (02) 9382 6038

# **Maternal Fetal Medicine**

At the Royal Hospital for Women (The New South Wales Fetal Therapy Centre)

Comprehensive Perinatal Care

Dr Lucy Bowyer MD FRCOG FRANZCOG DDU CMFM

Dr Daniel Challis FRANZCOG DDU CMFM

Dr Antonia Shand FRANZCOG DDU CMFM

Prof Alec Welsh MSo PhD FRCOG FRANZCOG DDU CMFM

Woman Details		Referred By:
DOB:	MRN:	Contact Number:
Surname:		Address:
Phone:	Mobile:	
Address:		Provider Number:
		Date of Referral:
Suburb:	State:	Signature of Referring Dr:
Postcode:		
LMP:	EDB:	
Relevant Clinical History/In	dication for Referral:	
Prenatal Screening a	nd Diagnosis	Tertiary Referral MFM Services
Genetic Counselling First Trimester Screening (	NT and Serum)	Maternal Fetal Medicine Assessment and Consultation Ongoing Care and Management of High-Risk Pregnancy
CVS		Co-ordination of Care with Sydney Children's Hospital

Amniocentesis	Other
Other	
Finding us	About Us
The Royal Hospital for Women, Randwick is co-located with	The Department of Maternal Fetal Medicine at the Royal Hospital for
Sydney Children's Hospital and Prince of Wales Hospital Public pay	Women sees women from the public and private sectors, for a broad
parking is available directly under the hospital and is easily accessed	range of services. All clients are Medicare billed, including invasive
via Barker Street entrance.	procedures, ultrasound and consultation. We coordinate a broad
The car park lifts bring you to Level 0. Follow the signs to the	multidisciplinary team of clinicians for antenatal and perinatal
Royal Hospital for Women and the Department of Maternal Fetal	consultation including: midwives; obstetricians; neonatologists;
Medicine	neonatal surgeons; social work

Maternal Fetal Medicine Contact For Appointments or further information Ph: (02) 9382 6098

For Urgent Medical Referrals, please call Ph: (02) 9382 6111 and ask for the Maternal Fetal Medicine Fellow or Consultant to be paged.

#### **Other Useful Contacts**

- Genetic Counsellor Ph: (02) 9382 6111 Page 44098
- Clinical Midwife Consultant High Risk Pregnancy
   Ph: (02) 9382 6111 Page 44919
- Clinical Midwife Specialist Maternal Fetal Medicine
   Ph: (02) 9382 6111 Page 43983
- Royal Hospital for Women Foundation (Research & Clinical Fundraising) Ph: (02) 9382 6720

Early Pregnancy Assessment Service	(EPAS)	
Woman Referral Fax to (02) 9382 6638		Th
Number of Pages including this Coversheet (	) Date//	Koi
Attention: Prof W Ledger		HOSPI
Woman Details		FOR WO
Surname Fir	st Name	
Address		
	Postcode	
	Number	
	b	
GP LMP/	Weeks Gestation/40	
Symptoms		
Blood Group Antibody screen	Date Taken// Date Taken//	
Blood Group Antibody screen Anti-D given Y / N DoseIU	Date Taken// Date Taken// Date//	
Blood Group Antibody screen Anti-D given Y / N DoseIU FBC	Date Taken// Date Taken// Date// Date Taken//	
Blood Group Antibody screen Anti-D given Y / N DoseIU	Date Taken// Date Taken// Date//	
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Blood Group Antibody screen Anti-D given Y / N DoseIU FBC ß hCG Ultrasound Date Performed// Referring Doctor Details:	Date Taken// Date Taken// Date Taken// Date Taken// Date Taken// Date Taken// Date of referral//	

Thank you for completing the above details.

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# 16 USEFUL WEB RESOURCES

## PREGNANCY

### The Australian Government, Department of Health

National Antenatal Care Guidelines https://beta.health.gov.au/resources/publications/pregnancy-care-guidelines-and-related-documents

NSW Health has produced number of publications that provide pregnant women with advice on all aspects of pregnancy.

**Thinking of Having a Baby** – planning pregnancy and becoming pregnant http://www.health.nsw.gov.au/kidsfamilies/MCFhealth/Pages/thinking-of-having-a-baby.aspx

**Having a Baby** – this is given to all women who receive care at a public maternity unit. http://www.health.nsw.gov.au/kidsfamilies/MCFhealth/Pages/having-a-baby.aspx

Early Pregnancy - when things go wrong

http://www.health.nsw. gov.au/kidsfamilies/MCFhealth/Pages/Early-pregnancy-when-things-gowrong.aspx

### Non English Pregnancy Resources

Pregnancy and Parenting resources are also available in other languages and can be sourced at <a href="http://www.mhcs.health.nsw.gov.au/">http://www.mhcs.health.nsw.gov.au/</a> (under Publications and Resources)

# BABY HEARING AND CHILD HEALTH

SWISH publications to help inform families about the program have been developed in multiple languages and can be sourced at: <a href="http://www.health.nsw.gov.au/kidsfamilies/MCFhealth/Pages/swish-translations.aspx">http://www.health.nsw.gov.au/kidsfamilies/MCFhealth/Pages/swish-translations.aspx</a>

Why does my baby need a hearing check? Why does my baby need a repeat hearing test?

Hearing loss and your baby – the next steps http://www.health.nsw.gov.au/kidsfamilies/MCFhealth/Pages/hearing-loss-orange.aspx

# OTHER USEFUL PUBLICATIONS AND FACTSHEETS FROM NSW HEALTH

http://www.health.nsw.gov.au/publications/Pages/default.aspx

### Safer baby bundle

https://www.cec.health.nsw.gov.au/keep-patients-safe/maternity-and-neonatal-safety-program/Safer-Baby-Bundle

# **INFECTIOUS DISEASES**

### Hepatitis B & Hepatitis C

http://www.ashm.org.au/

https://www.hepatitisaustralia.com/

http://www.health.nsw.gov.au/Infectious/factsheets/Pages/default.aspx

http://www.gesa.org.au/

### Herpes

http://www.health.nsw.gov.au/Infectious/factsheets/Pages/default.aspx

### HIV

A comprehensive directory of health services relating to HIV, viral hepatitis and related areas. Pamphlets and brochures for clients as well as information provided through the website or helpline.

The helpline can also assist in locating clients' nearest service.

http://www.ashm.org.au/HIV/

http://www.health.nsw.gov.au/Infectious/factsheets/Pages/default.aspx

### EARLY PREGNANCY

The Centre for Genetics Education provides current and relevant genetics information to individuals and family members affected by genetic conditions and the professionals who work with them.

http://www.genetics.edu.au/

Diet and Food Safety in Pregnancy (A Guide for Women including Listeria) http://www.foodauthority.nsw.gov.au/foodsafetyandyou/life-events-and-food/pregnancy

# MISC. USEFUL WEB SITES

#### **MotherSafe**

Comprehensive counselling service regarding concerns about medications and/or exposures during pregnancy and breastfeeding

https://www.seslhd.health.nsw.gov.au/royal-hospital-for-women/services-clinics/directory/mothersafe

### Cochrane

Evidence based information on health care.

http://www.cochrane.org/ http://australia.cochrane.org/

#### NICE Guidelines

Evidence based clinical guidelines on various health topics including pregnancy.

https://www.nice.org.uk/

The Royal Australian and New Zealand College of Obstetricians and Gynaecologists https://www.ranzcog.edu.au/

The Royal College of Obstetrician and Gynaecologists UK https://www.rcog.org.uk/

Australian College of Midwives

https://www.midwives.org.au/

National Midwifery Guidelines for Consultation and Referral https://www.midwives.org.au/Web/About-ACM/Midwifery-Guidelines-and-Standards/Web/About-ACM/Guideline-Statements.aspx?hkey=1ac129e0-1241-4894-9efe-4edb089f31ec

### DIABETES

Australian Diabetes in Pregnancy Society <a href="https://adips.org/">https://adips.org/</a>

### MENTAL HEALTH

Centre of Perinatal Excellence (COPE) <u>https://www.cope.org.au/</u>

Beyond Blue https://www.beyondblue.org.au/

### Perinatal Anxiety & Depression Australia (PANDA)

www.panda.org.au

### Red Nose (formerly SIDS & Kids)

Bereavement support, advocacy and education for families who have experience sudden or unexpected loss of baby or child <a href="https://rednose.com.au/">https://rednose.com.au/</a>

### St John of God Hospital – Mental Health Services: Mother and baby unit

https://www.sjog.org.au/our-locations/st-john-of-god-burwood-hospital/our-services/mental-healthand-therapy/mother-and-baby-unit

https://www.sjog.org.au/

**Community and emergency mental health contact numbers** Mental Health Line - Mental health (nsw.gov.au)

## **COMMUNITY & BREASTFEEDING**

### Child and Family Health Clinics

http://www.families.nsw.gov.au/support/child-health-services.htm

### Communities & Justice (formerly FACS)

https://www.facs.nsw.gov.au/

### Tresillian

https://www.tresillian.org.au/

# Karitane

https://www.karitane.com.au/

### Australian Breastfeeding Association

https://www.breastfeeding.asn.au/

### FAMILY PLANNING

Family Planning NSW is a not-for-profit organisation funded by the NSW Ministry of Health. Talkline 1300 658 886

https://www.fpnsw.org.au/

Family Planning Fact Sheets https://www.fpnsw.org.au/health-information

### ANTI D RESOURCES

Australian Red Cross Health professionals | Lifeblood

# APPENDIX A ROYAL HOSPITAL FOR WOMEN CONTACTS

Below is a list of services provided at the Royal Hospital for Women. If any of the phone numbers are unavailable please phone the Hospital's switchboard on 9382 6111.

Service	Phone Number
Aboriginal Liaison Midwife	0410 344 766
Malabar Midwifery Link Service	9382 6783
Acute Care Centre	02 9382 6499 / 26498
Admissions	02 9382 6060
Admissions Liaison Officer	02 9382 6067
Antenatal Education Classes	02 9382 6541
	https://www.seslhd.health.nsw.gov.au/royal-
	hospital-for-women/services-
	clinics/directory/having-a-baby/antenatal-classes-
	and-yoga
Antenatal Ward	02 9382 6448
Breast Cancer	See NSW Women's Breast Centre
Breastfeeding Support Service	02 9382 6341
	https://www.seslhd.health.nsw.gov.au/royal-
	hospital-for-women/services-
	clinics/directory/having-a-baby/breastfeeding-
	support
Centre for Women's Health Nursing	02 9382 6741
Chemical Use in Pregnancy Service	02 9382 1111 – page CUPS or call
	The Langton Centre - 02 9332 8777
	https://www.seslhd.health.nsw.gov.au/royal- hospital-for-women/services-
	clinics/directory/having-a-baby/specialist-
	services-for-women
Colposcopy Clinic	02 9382 6240
Compliments / Complaints	9382 6822
	Email to:
	SESLHD-RHWfeedback@health.nsw.gov.au
Complex Preconception Clinic	02 9382 6382
(Referrals Required)	Email referrals to:
	SESLHD-rhw-
	complexpreconceptionclinic@health.nsw.gov.au
Cross Cultural Worker	Galuh Sapthari
	0439 510 697 (Mon – Wed)
	Galuh.Sapthari@health.nsw.gov.au
Day Surgery	02 9382 6649 / 26650 / 26651
Delivery Suite	0439 869 035

Service	Phone Number
Diabetes Educator	02 9382 6010
Dietician	02 9382 6544
Director of Medical Services	02 9382 6511
Early Pregnancy Advisory Service	02 9382 6701
(EPAS)	
Department of MFM - all	02 9382 6098
Department of MFM-(referrers only)	0437 537 448 (Fetus Phone)
	https://www.seslhd.health.nsw.gov.au/royal-
	hospital-for-women/services-clinics#a-z-directory
Genetic Counselling	02 9382 6098
GPSC Liaison Midwife	02 9382 6016 / 0417 995 153
Gynaecological Cancer Centre	02 9382 6290 / 02 9382 6291
	https://www.seslhd.health.nsw.gov.au/royal-
	hospital-for-women/services-clinics#a-z-directory
Gynaecology Outpatients	02 9382 6248 / 02 9382 6249 SESLHD-RHWGynaereferral@health.nsw.gov.au
	SESEND-KNWGynaeieieirai@neaim.nsw.gov.au
	https://www.seslhd.health.nsw.gov.au/royal-
	hospital-for-women/services-clinics#a-z-directory
Gynaecology Registrar	02 9382 6111 – page Registrar
Home Midwifery Services (MSP)	02 9382 6333
Infection Control	02 9382 6339
Lactation Consultant / Services	see Breastfeeding Support Service
Liver Clinic (Prince of Wales Hospital)	02 9382 3100 (Phone)
	02 9650 4898 (Fax)
Medical Imaging Service	02 9382 6080
Medicines in Pregnancy & Lactation	See MotherSafe
	http://www.mothersafe.org.au/
Menopause	02 9382 6248 / 02 9382 6249
	https://www.seslhd.health.nsw.gov.au/royal-
Midwifery Lipit Menager (Outpetiente)	hospital-for-women/services-clinics#a-z-directory
Midwifery Unit Manager (Outpatients)	02 9382 6047
MotherSafe	02 9382 6539 or 1800 647 848 https://www.seslhd.health.nsw.gov.au/royal-
	hospital-for-women/services-
	<u>clinics/directory/mothersafe</u>
Newborn Care Centre	02 9382 6160
NSW Women's Breast Centre	02 9382 6610
	https://www.seslhd.health.nsw.gov.au/royal-
	https://www.seslhd.health.nsw.gov.au/royal- hospital-for-women/services-clinics#a-z-directory
Nursing Supervisor	

Service	Phone Number
Outpatient Enquiries / Bookings Perinatal Mental Health	02 9382 6048 / 02 9382 6049 (Phone) 02 9382 6118 (Fax) Online booking available <u>https://www.seslhd.health.nsw.gov.au/roy</u> <u>al-hospital-for-women/services-</u> <u>clinics/directory/having-a-baby/im- pregnant</u>
<ul> <li>Clinical Midwifery Consultant</li> <li>Perinatal Psychiatrist Appointments</li> <li>Perinatal Outreach Mental Health Service (POMHS)</li> </ul>	02 9382 6337 / 0457 733 554 02 9382 6091 02 9382 6421(FAX) 02 9382 6303
Physiotherapy	02 9382 6540
PLaN Clinic	02 9382 6382 Email referrals to: <u>SESLHD-</u> <u>PlanRHW@health.nsw.</u> <u>gov.au</u>
Postnatal Ward	02 9382 6398 (Oxford) 02 9382 6348 (Paddington)
Pregnancy Day Stay	02 9382 6417
Prenatal Diagnosis	02 9382 6098
Reproductive Medicine	02 9382 6633 https://www.seslhd.health.nsw.gov.au/royal- hospital-for-women/services-clinics#a-z-directory
Social Work	02 9382 6670
Switchboard	02 9382 6111

#### **OBSTETRICIANS**

Bisits, Professor Andrew Medical Clinical Co-Director Maternity Services Division Royal Hospital for Women Randwick PH: 9382 6111

Bowyer, Dr Lucy (MFM) Maternal Fetal Medicine Department Royal Hospital for Women Randwick PH: 9382 6098

Challis, Dr Danny, (MFM) Maternal Fetal Medicine Department Royal Hospital for Women Randwick PH: 9382 6098

Clements, Dr Sarah Royal Hospital for Women Randwick PH: 9382 6111

Coogan, Dr Stephen (GP ANSC) Royal Hospital for Women Randwick PH: 9382 6111

Fay, Dr Louise Fay (GP ANSC) Royal Hospital for Women Randwick PH: 9382 6111

Hawke Dr Wendy (Diabetes & Malabar MGP) Royal Hospital for Women Randwick PH: 9382 6111

Lee, Dr Siobhan (GP ANSC) Royal Hospital for Women Randwick PH: 9382 6111

Owen, Dr Alex (GP ANSC) Royal Hospital for Women Randwick PH: 9382 6111 Shand, Dr Antonia Maternal Fetal Medicine Department Royal Hospital for Women Randwick PH: 9382 6098

Welsh, Professor Alec (MFM) Maternal Fetal Medicine Department Royal Hospital for Women Randwick PH: 9382 6098

#### **CLINICAL GENETICIST**

Kennedy, Dr Deborah Director MotherSafe Royal Hospital for Women Randwick PH: 9382 6382

Pinner, Dr Jason c/- Maternal Fetal Medicine Department Royal Hospital for Women Randwick PH: 9382 6098

#### **ENDOCRINOLOGIST**

#### ONCE REFERRAL RECEIVED, WOMAN WILL BE CONTACTED WITH APPOINTMENT

#### REFERRAL NEEDS TO BE ADDRESSED AS FOLLOWS:

# PROF LOWE / DR LAU / DR BEECH

Lau, Dr S M Royal Hospital for Women Randwick PH: 9382 6044 OR

Lowe, Professor. Sandra Obstetric Physician Royal Hospital for Women Randwick

PH: 9382 6044 FAX: 9382 6118

#### HAEMATOLOGIST

#### ONCE REFERRAL RECEIVED, WOMAN WILL BE CONTACTED WITH APPOINTMENT

Kidson- Gerber Dr Giselle Royal Hospital for Women Randwick PH: 9382 6044 FAX: 9382 6118

#### MEDICAL DISORDERS OF PREGNANCY PHYSICIAN

#### ONCE REFERRAL RECEIVED, WOMAN WILL BE CONTACTED WITH APPOINTMENT

#### REFERRAL NEEDS TO BE ADDRESSED AS FOLLOWS:

### PROF LOWE / DR BEECH / DR BARRETT

Lowe, Professor. Sandra Obstetric Physician Royal Hospital for Women Randwick

Beech, Dr Amanda Royal Hospital for Women Randwick

Dr Helen Barrett Royal Hospital for Women

PH: 9382 6044 FAX: 9382 6118

# APPENDIX B MENTAL HEALTH CONTACTS

## CRISIS TEAM TRIAGE NUMBER: 1800 011 511

Mental Health Line - Mental health (nsw.gov.au)

### **PRIVATE PSYCHIATRISTS**

Harrison, Dr Ian	02 9251 7877	City
Koder, Dr Stephen	02 8021 1260	Bondi Junction
Morgan, Dr Hugh	02 9212 4445	City
Smith, Dr Michelle	02 9334 3888	Burwood
Southview Clinic	02 9553 1160	Kogarah
Stone, Dr Meredith	02 9382 6091	RHW
Vaux, Dr Peter	02 8021 1260	Bondi Junction
Wijeratne, Dr Chanaka	1300 924 522	Kogarah
Wilcox, Dr Rosie	02 8021 8475	Edgecliff

### **PSYCHOLOGISTS**

Anxiety Disorders Clinic	02 8382 1400	Darlinghurst
Frilingos, Maureen	02 8354 1204	Paddington
McDowell, Lee	0403 005 429	Waverly / Randwick
Sydney Uni Psychology Clinic	02 9114 4343	Camperdown
UNSW Psychology Clinic	02 9385 3042	Kensington
St Vincent's O'Brien Centre	02 8382 1300	Darlinghurst

### PERINATAL OUTREACH MENTAL HEALTH SERVICE (POMHS)

Offered to all postnatal women in the SESLHD area POMHS Office 02 9382 6303

### EARLY CHILDHOOD CENTRES

https://www.health.nsw.gov.au/kidsfamilies/MCFhealth/Pages/health-services-map.aspx

### OCCASIONAL CARE AND MOTHER SUPPORT

Bondi Beach Cottage Family Support	02 9365 1607
Breastfeeding (Australian Breastfeeding Association)	1800 686 268
Holdsworth Community Centre, Woollahra	02 9302 3600
Karitane	1300 227 464
Mum for Mum	02 9363 0257
Parent Line	1300 130 052
Relationships Australia	1300 364 277
South East Neighbourhood Centre	02 8338 8506
Tresillian	1300 272 736
Women and Children's Deli	02 9667 4664