

# Ultrasound Service Fact Sheet

At Repromed, our team of sonographers are all highly trained and skilled experts in the field of obstetrics and gynaecological imaging.

We are proud to expand our services for non-Repromed patients so they can also experience our comprehensive tertiary level prenatal diagnostic and gynaecological services combined with our teams patient centered care model.

## Our Services



**Preconception /  
Prenatal Screening  
& Testing**



**Pregnancy  
Ultrasounds**



**Gynaecological  
& Fertility  
Services**



### Preconception / Prenatal Screening & Testing

Repromed offers both screening and diagnostic testing in the preconception and prenatal stages.

- Anti-Mullerian Hormone (AMH)
- Genetic Carrier Screening Test
- Non Invasive Prenatal Testing (NIPT)
- Pre-eclampsia Screening



### Pregnancy Ultrasounds

Repromed offers comprehensive ultrasounds for the initial stages in pregnancy including pre NIPT ultrasound.



### Dating Scan

A dating ultrasound scan is the first ultrasound in pregnancy and is commonly performed at around 7-8 weeks gestation however can be performed at anytime between 6-12 weeks.

This scan is used to confirm the due date, number of embryos and to visualise the embryo's heart beating. The maternal ovaries and cervix are also examined.



### Pre NIPT Ultrasound

A Pre NIPT ultrasound is performed before the NIPT bloods for a number of reasons. Firstly to confirm the gestation of the pregnancy as the fetus must measure 10 weeks or greater for NIPT to be undertaken.

The scan also examines for twins or triplets, a normal heartbeat and for very early fetal development. This scan can be requested on the NIPT request form.



### First Trimester Ultrasound (Nuchal Translucency / Early Anatomy Scan)

This scan is ideally performed at 13 weeks gestation but can be performed between 11-13 weeks and 6 days gestation.

The scan includes confirmation of the due date, detailed anatomy of the fetus, assessment of the placenta, cervix, and ovaries, nuchal translucency measurement and pre eclampsia risk if requested.

The nuchal translucency (NT) of the fetus is identified and measured at this scan providing the fetus is not older than 13 weeks and 6 days. The NT is a collection of fluid between the skin and soft tissue at the back of the fetal neck. It is often increased with Down syndrome and other chromosomal or congenital abnormalities.

First trimester combined screening can be performed at this scan if NIPT has not been performed.



### Second Trimester Ultrasound (Morphology scan)

A routine ultrasound examination offered to patients between 19.5 - 21 weeks of pregnancy.

The scan includes a detailed fetal anatomy scan including the brain, face, spine, heart, abdomen and limbs. The position of the placenta, amniotic volume and the patient's pelvic anatomy and cervix are also assessed.



### Third Trimester Ultrasound (Growth scan)

An ultrasound in third trimester that may be performed at any stage after 22 weeks up until delivery.

The scan includes fetal size and estimated weight, placental position and function through blood flow measurements, cervical length (if prior to 28 weeks), volume of amniotic fluid, fetal position, blood flow to the fetus and review of fetal organs. This scan is often performed if baby is measuring larger or smaller than expected, if baby is in an uncertain position, if there is reduced fetal movement, or for multiple pregnancies. It is also performed if the patient has gestational diabetes, high blood pressure or at risk of pre-eclampsia.

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## Pre-eclampsia Risk Assessment

Pre-eclampsia affects 2-5% of pregnant women, of whom about 1 in 100 (1%) can suffer from severe pre-eclampsia arising before 37 weeks of pregnancy. Early screening for pre-eclampsia is important since early intervention (before 14 weeks) can reduce the risks for both mother and baby.

Pre-eclampsia screening at 11-14 weeks involves:

- First trimester ultrasound
- A blood test for PAPP-A and PIGF
- Measurement of blood pressure
- Measurement of height and weight
- Medical history
- Doppler ultrasound of the uterine arteries at 11-14 weeks of pregnancy

This can be performed at the time of the first trimester ultrasound if requested.



## Gynaecological Ultrasounds

Repromed offers comprehensive gynaecological services, including routine check-ups, through to advanced diagnostic procedures. Utilising the latest technology, we ensure patients receive the most up-to-date care for all aspects of their gynaecological well-being.



## Pelvic & Detailed Endometriosis Scan

A pelvic ultrasound assesses the female reproductive system - including the cervix, uterus, ovaries and other pelvic structures. It can provide helpful information for those experiencing:

- heavy, irregular or infrequent periods in pre-menopausal women
- pelvic pain
- post-menopausal bleeding
- infertility

The pelvic scan examines the uterus and endometrial cavity in both 2D and 3D. As part of the pelvic scan the structure and mobility of the pelvic organs are assessed. This includes a detailed scan assessing for endometriosis.



## HyCoSy / Tubal Patency Study

A HyCoSy (Hystero-salpingo Contrast Sonography) examines the endometrium and endometrial cavity of the uterus. The endometrium and endometrial cavity are assessed at the time of a routine pelvic ultrasound however a HyCoSy is designed to more closely examine each layer separately and the space within.

The endometrial layers and cavity may require further assessment in the event of:

- Post-menopausal bleeding
- Fibroids or polyps
- Possible adhesions and/or scarring
- Irregular shape of the cavity
- Tamoxifen therapy

A tubal patency test examines the fallopian tubes for any blockages which may result in a woman being unable to conceive a pregnancy naturally. The test has been designed specifically to assess the tubes since they are not visible in a routine ultrasound examination. A tubal patency test is performed routinely at the end of a HyCoSy procedure.

### For more information or to make a referral

#### South Australia

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Dulwich: 180 Fullarton Road, Dulwich, SA 5065

### Dr Jane Woolcock,

**Gynaecologist, Laparoscopic Surgeon, Women's Ultrasound  
FRANZCOG, COGU, DDU, BMBS(Hons), BMus, BSc**

Our team is led by Dr Jane Woolcock, an Obstetrician and Gynaecologist with a subspecialist qualification in women's ultrasound (COGU).

Dr Woolcock is an Ultrasonologist at the Women's and Children's Hospital in Adelaide and is an endometriosis surgeon at both Calvary North Adelaide and Burnside War Memorial Hospitals. She is a senior lecturer at the University of Adelaide and is the Chairman of the Australian Association of Obstetric and Gynaecological Ultrasound.

