



# Genetics in Pregnancy Online Course

Genetic technology advances rapidly, and it is challenging for clinicians to keep abreast of new testing options and best practice in maternity care.

This course will help doctors and midwives acquire the knowledge and skills they need to confidently provide prenatal and pre-pregnancy genetic screening in their daily practice.

Developed as a joint initiative between the Mobile Learning Unit, Melbourne Medical School, Mercy Perinatal, Mercy Hospital for Women, Monash IVF Group and the Murdoch Children's Research Institute Reproductive Epidemiology Group .

This course is designed specifically for maternity health professionals by clinicians with expertise in prenatal screening and diagnosis.

## Designed for

Midwives and doctors providing antenatal and pre-pregnancy care to women and their partners.



### Convenience

Mobile and desktop friendly, access anywhere, anytime



### Reinforcement

Delivers easily digestible core knowledge



### Ongoing Support

We provide technical assistance and enquiry support

## Learning outcomes

- Integrate your understanding of DNA and inheritance with your clinical practice in reproductive health.
- Recall the principles of prenatal screening and reproductive carrier screening.
- Identify couples that should be offered a genetic counselling referral.
- Implement professional society recommendations into clinical practice.
- Discuss options for screening in a manner that respects a woman's preferences and values.
- Differentiate the common prenatal screening tests, including first trimester combined test, non-invasive prenatal testing (NIPT) and second trimester serum screening.
- Recognise the place of assisted reproductive technology and preimplantation genetic testing in improving genetic health for families.

## Course structure

- Tutorial 1: Genes, chromosomes and genomics
- Tutorial 2: Principles of reproductive screening
- Tutorial 3: Prenatal screening for chromosome conditions
- Tutorial 4: Genetic carrier screening
- Tutorial 5: Prenatal diagnosis of fetal genetic and chromosome conditions
- Tutorial 6: Assisted reproduction and preimplantation genetic testing

## Accreditation

Currently applying for accreditation with RANZCOG, ACRRM and the ACM. The number and type of CPD points are to be confirmed. Check this [website](#) for updates. This course is currently pending accreditation for RACGP CPD Accredited Activity (40 points).

### Delivery Mode

Fully online

### Course fees

**For Doctors (specialists/GPs):**

AUD \$385 (incl. GST)

**For Midwives/ Trainees/ Students:**

AUD \$250 (incl. GST)

Group pricing available upon request.

### Entry requirements

Participants of this course should be either enrolled in, or have graduated from a midwifery, nursing, genetic counselling, genetics, or medical degree.

### How to apply

▶ [go.unimelb.edu.au/m63j](https://go.unimelb.edu.au/m63j)

## Get in touch

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