

Certification of Obstetrical and Gynaecological Ultrasound (COGU)



The Royal Australian
and New Zealand
College of Obstetricians
and Gynaecologists
Excellence in Women's Health

Approved Training Courses

Trainees are required to submit details of proposed courses prior to commencement on the official Prospective Approval of COGU Courses form available from the College website.

Below is a **guideline** of courses that may be prospectively approved and accredited as part of the COGU training program. Trainees who wish to attend a course or undertake an activity that is not covered by the guidelines outlined below are encouraged to submit details of the course or activity for consideration by the COGU Subspecialty Committee.

ULTRASOUND LECTURE COURSE

Trainees will be expected to provide evidence of having attended an approved lecture course in general ultrasound. An acceptable course will cover basic physics of ultrasound; transducers; Doppler; bioeffects and safety; artefacts; contrast agents and harmonics.

An acceptable course will involve instruction for **at least one hour per week for one semester (or equivalent)**.

2 or 3-day workshop/seminar run:

- By a recognised institution such as ASUM (e.g. as part of the DDU curriculum – 2 day revision course).
<http://www.asum.com.au/education/ddu-course/>

*NB- Trainees who have completed this course within two years of entering COGU training may apply for an exemption.

HUMAN GENETICS COURSE

Trainees will be expected to provide evidence of having attended an approved lecture course, or equivalent, in human genetics. An acceptable course will cover genetic counselling; screening for genetic diseases; human cytogenetics; strategies for identifying genes which cause human disease; molecular basis for human disease; gene mapping; polymorphisms; selection and its consequences; gene-environment interactions; ethics in genetic practice.

An acceptable course will involve instruction for **at least three hours per week for one semester (or equivalent), or an approved focussed weekend course**.

Online, self-paced course such as:

- Future Learn course (3 parts)
 1. The Genomics Era, the Future of Genetics in Medicine, St George's, University of London – online course (5 weeks x 2hrs) <https://www.futurelearn.com/courses/the-genomics-era>
 2. Genomic Technologies in Clinical Diagnostics: Molecular Techniques, St George's, University of London - online course (3 weeks x 5hrs) - extension of intro course <http://www.futurelearn.com/courses/next-generation-sequencing>
 3. Genomic Technologies in Clinical Diagnostics: Next Generation Sequencing, St George's, University of London - online course (2 weeks x 5hrs) - extension of previous courses <http://www.futurelearn.com/courses/next-generation-sequencing>
- Intro to Human Genetics & Genomics (GENE90023). The University of Melbourne – online subject (2 months x 85 hrs total time commitment; \$574) <https://handbook.unimelb.edu.au/2018/subjects/gene90023>
- Macquarie University (Sydney) Human Genetics Theory – one semester online subject, two contact sessions (20 weeks x 5hrs, \$2000) <http://handbook.mq.edu.au/2017/Units/UGUnit/BIOL345>

Workshops/seminars run as part of Annual Scientific Meetings or international conferences. A suggested course is:

- Genetics for Trainees – Genetics for Trainees is a targeted weekend exam preparation course held at the Murdoch Institute in Melbourne, for physician and paediatric trainees. The first day is for both adult and paediatric trainees; the second day includes a morning of genetics for paediatric trainees, which COGU trainees should also attend. (Cost varies from \$240 to \$540 for various components) <https://www.geneticsfortrainees.com.au/>

On campus coursework. A suggested course is:

- Master of Genomics and Health (MC-GENOHLT). Graduate Coursework. 2 years full-time/4 year part-time (200 points; \$38,997) <https://handbook.unimelb.edu.au/2018/courses/mc-genohlt>

Note: The Medical Genetics CD, Melbourne University/Murdoch Institute – available from SSEP Books, Carlton will no longer be acceptable as an approved human genetics course beyond 2017 as it has not been recently updated, though trainees may still find this a valuable resource.

GRIEF COUNSELLING COURSE

Trainees are expected to provide evidence of having taken, and successfully completed, an approved assessable course in grief counselling.

An acceptable course will involve instruction **for one to two days (or equivalent)**.

1 or 2-day workshop/seminar or one-semester lecture series run:

- By a recognised institution such as the Australian Centre for Grief & Bereavement. <http://www.grief.org.au/ACGB/Education/ACGB>

BIOSTATISTICS COURSE

Trainees are expected to provide evidence of having taken, and successfully completed, an approved university based examinable course in biostatistics.

An acceptable course will involve instruction **of a minimum 20 hours**.

Such as:

- Introduction to Biostatics, Murdoch Children’s Research Institute (5 half days, \$1000, Melbourne) <https://www.mcri.edu.au/research/facilities-resources-and-training/cebu-short-courses-and-training/quantitative-research-1>
- Biostatistics for Clinical & Public Health Researchers, Monash University School of Public Health & Preventative Medicine (4 full days, \$440 per day, Melbourne) <https://www.monash.edu/medicine/sphpm/teaching/shortcourses/biostatistics-oct>
- Statistics for Research Workers, University of Melbourne School of Mathematics and Statistics (6 full days, \$1485, Melbourne) <http://www.scc.ms.unimelb.edu.au/courses.html>
- Intro to R & Intro to Statistics for Researchers, Stats Central, University of NSW (3 full days, Sydney) <http://www.analytical.unsw.edu.au/facilities/stats-central-2>
- Masters of Public Health (many universities)
- Statistics/Epidemiology (many universities, one semester)

NUCHAL TRANSLUCENCY COURSE

Trainees are expected to obtain Nuchal Translucency certification through completion of an approved course.

Such as:

- The Nuchal Translucency Online Learning Program (NTOLP) (or equivalent) – self-paced learning, online course (\$236) This online learning course can be accessed via the following link - <https://elearning.nuchaltrans.edu.au/>

NOTE: In addition, trainees are encouraged to attend two educational courses/conferences relevant to O&G Ultrasound per year. This is not compulsory, but desirable.