



NeoFertility Medical Consultant Training

The NeoFertility™ Medical Consultant Training will introduce you to a standardized, systematic approach to the management of infertility and recurrent miscarriage, including the management of at-risk pregnancy. This course will navigate you through a series of recordings, readings, knowledge assessments, and additional supporting documents you can use to implement into your practice. Participants will have the opportunity to join live case reviews, and are encouraged to also discuss course content with Dr. Phil Boyle and other NeoFertility Clinicians during these sessions. If you are unable to attend live they are offered as a recording.

The NeoFertility™ approach will expand your knowledge of Restorative Reproductive Medicine (RRM) – RRM focuses on identifying and treating the root causes of infertility and reproductive health issues, leading to improved overall health and successful pregnancies, even in cases of prolonged infertility and multiple failed IVF cycles. Whether you are looking to develop a standalone RRM clinic, or simply looking to offer RRM as an addition to the other clinician or nursing services that you currently offer, this course will provide you with a firm grounding in the science of RRM and enable you to treat your patients with confident expertise.

This course has one introductory module, followed by 8 modules which include. Each module has a downloadable summary, additional references and accompanying handouts/resources for download. Throughout your progress in the course you are invited to join monthly case reviews with Dr. Phil Boyle, the NeoFertility team as well as IIRRM members. These case reviews are made available live and recorded.

About the Faculty:

Dr. Phil Boyle is the founder and director of the NeoFertility Clinic, and co-founder of the ChartNeo Fertility app. With over 25 years of clinical experience with infertility, recurrent miscarriage and women's health, he has treated over 3000 successful pregnancies, including many with chronic infertility, prior failed IVF, and repeated miscarriages.

Dr. Boyle is a member of the Irish and Royal Colleges of General Practitioners and President of the IIRRM. He trained in NaProTechnology before developing NeoFertility in 2016, and is a trained Creighton Model Practitioner, Medical Consultant and Educator. He has published the results of his work and has a special interest in new and innovative solutions for infertility and recurrent miscarriage.

CME Credit:

The AAFP has reviewed the activities delivered through *Advanced Restorative Reproduction: NeoFertility Medical Consultant Training* and deemed it acceptable for up to 20.00 Enduring AAFP Prescribed credits. Term of Approval is from 12/01/2023 to 12/01/2024. AAFP Prescribed credit is accepted by the American Medical Association, and is also recognized by the ANCC and other nursing and physician assistant associations. Additional CME credit is awarded for participation in live case reviews online or completion of self-study case reviews and is awarded separately. Please consult CME credit information at: <https://bit.ly/neocme>

Introductory Module:

- Establish background knowledge and current outcomes in Restorative Reproductive Medicine (RRM)
- Review literature on current RRM outcomes
- Introduce advanced fertility tracking with NeoFertility
- Introduce, download, and review an orientation to the ChartNEO app for fertility tracking and patient management
- Review a recorded case that was treated using an RRM approach

Lesson 1 - The Patient Intake and First Medical Consultation

This lesson covers the first patient intake, assessment and follow-up. The goal is to implement fertility treatment strategies in a systematic methodical and relaxed way. Patient intake and as well as handouts are provided for download.

Learning Outcomes:

- obtain a comprehensive patient history relevant to fertility and reproductive health
- identify which initial investigations and diagnostic tests are indicated
- evaluate and recommend treatment options following an initial consultation

Lesson 2 - The Patient's Second Medical Consultation

This lesson covers phase 2 of medical treatment which usually lasts 2-6 months. The general goals for this phase are balancing the hormones and “fixing the problem”.

Learning Outcomes:

- identify key factors that impair fertility
- determine and prioritize which treatments and diagnostic tests are required
- apply a multifactorial plan of evaluation and treatment to practice
- evaluate and tailor treatment for the couple
- determine when to consider mucus-enhancing treatment, male assessment, or surgery.
- develop a treatment plan for brown menstrual bleeding

Lesson 3 - The Patient's Third Medical Consultation

This lesson covers phase 3 of medical treatment. During this phase, key factors that impair the couple's fertility are identified, and a multi-factorial plan of evaluation and treatment is set up.

Learning Outcomes:

- Understand the role chronic inflammation plays in both ill health and infertility
- Use and review the use of low-dose naltrexone – evolution, current practice, use in pregnancy
- Understand and evaluate which patients may benefit from sympathomimetic treatment
- Review treatment for low AMH, endometriosis, auto-immunity

Lesson 4 - Specific Conditions: Low Anti-Mullerian Hormone (AMH)

Lesson four covers the specific condition of low Anti-Mullerian hormone (AMH).

Learning Outcomes:

- Understand the role and limitations of an AMH blood test
- Devise and implement a treatment plan for low AMH
- Review follicle stimulation, follicle maturation, and ultrasound follicle tracking and enable the use of follicle maturation treatment
- Analyze data from low AMH patients & review case reports

Lesson 5 - Specific Conditions: Male Factor

This lesson will cover the work-up and treatment of male-factor infertility.

Learning Outcomes:

- assess and treat male-factor infertility
- define and describe mild, moderate, and severe male factor levels of infertility
- review semen analysis with DFI testing
- suggest supplements review antibiotic use in male factor-infertility

Lesson 6 - Specific Conditions: Recurrent Miscarriage

This lesson will cover investigations and treatments related to recurrent miscarriage

Learning Outcomes:

- Understand the relationship between infertility and recurrent miscarriage
- Review concepts and treatments for recurrent miscarriage
- Investigate potential underlying causes for recurrent miscarriage through NK Cell testing, LIT and KIR immune testing, assessment for adrenal fatigue, thrombophilia and chromosomal tests, laparoscopy and hysteroscopy and DNA fragmentation index (DFI)

Lesson 7 - Specific Conditions: Evaluation and Management of Early Pregnancy

The goal of lesson seven is to look at the additional treatments and management necessary to maintain a healthy pregnancy.

Learning Outcomes:

- Improve your pregnancy management
- Understand the value of testing progesterone, oestradiol and HCG, and the predictive capacity of blood tests
- Explain the safety and necessity of DHEA at pre-conception and during pregnancy
- Know how to minimize the risk of IUGR and premature delivery
- Employ a systematic approach to the evaluation treatment and management of early pregnancy

Lesson 8 - Patient Outcomes and Implementation to Practice

Lesson eight covers success rates, the importance of data collection, the ChartNeo App, and business planning. This lesson also looks at RRM success statistics compared to IVF, and presents some basics of business planning for operating a profitable clinic.

- Understand the psychology of conception, and building a therapeutic relationship with your patients
- Recognize the importance of data collection, and accountability in family planning and fertility treatment
- Understand the key components of multi-site collaboration for data collection and how to help in data collection for publication
- Identify important research needs in RRM
- Employ strategies to run and manage a successful and profitable practice or clinic
- Integrate mobile/APP technologies to support patients in the collection of clinical observations, improve data collection for outcomes evaluation and research
- Read, evaluate and export patient data and observations from the ChartNEO app
- Recognize the importance of secure data collection compliance

Case Reviews

Throughout the course, participants meet online with Dr. Boyle and have the opportunity to learn from medical case reviews and discuss course content. Case reviews are monthly, with a break during the summer months (June-August). If you are unable to join live they are recorded and posted for your review. Each case review is accredited for 1.0 CME.