Medical perfusion has been practiced as a discipline in Australia for more than three decades with no formal theoretical component. The Australasian Society of Medical Perfusion in conjunction with the University of Melbourne, has developed an online professional development course to provide the theoretical knowledge base needed for the study and practice of medical perfusion.

This professional development course involves gaining the practical skills in operating a heart lung machine and simulator-based training to enable the candidate to efficiently manage emergency situations. The course is designed to ensure graduates are well versed in both the theory and practice of the discipline.

It is best that this course is studied while a student is working in a cardiac fellowship program that includes cardiac anaesthesia and transoesophageal echocardiography.

At the end of the course, students should have comprehensively covered the theory related to medical perfusion and have been immersed in multiple practical examples that relate this theory to the practice of the discipline.

Students have the flexibility to study in their own time and location. Program materials can be accessed through the eLearning Education app on tablets with iOS, Android or Windows systems.

For more information, visit go.unimelb.edu.au/f3v6
Course Outline

The e-learning component is made up of four main subjects.

**Course units**
- Subject 1 – Equipment for Extracorporeal Perfusion
- Subject 2 – Pharmacology, Physiology and End Organ Effects of Extracorporeal Perfusion
- Subject 3 – Conduct of Extracorporeal Perfusion
- Subject 4 – Crisis Management, Simulation and Practicum

**Entry requirements**
Please include supporting documentation with your application. The supporting documentation required is an academic transcript, CV/Resume.

**FOR DOMESTIC MEDICAL GRADUATES:**
To be eligible to apply, you must meet the following:
- A fellowship in anaesthesia (FANZCA), intensive care (FCICM) or cardiac surgery (FRACS).
  Advanced trainees in these disciplines may also be accepted.

**FOR INTERNATIONAL MEDICAL PERFUSIONISTS:**
To be eligible to apply, you must meet the following:
- A fellowship in a relevant speciality association such as anaesthesia, intensive care or cardiac surgery.

**FOR INTERNATIONAL CLINICAL PERFUSIONISTS:**
To be eligible to apply, you must meet the following:
- Enrolled or completed a clinical perfusion training course in clinical perfusion.

**Delivery mode**
Fully Online

**Course fees**

**DOMESTIC MEDICAL GRADUATES:**
- **Option 1** Course Fee: Four eLearning subjects with practical component - AUD $8,800 (incl. GST).
- **Option 2** Course Fee: Four eLearning subjects only, no practical component - AUD $5,500 (incl. GST).
- **Option 3** Course Fee: Single eLearning subject, no practical component - AUD $1,485 (incl. GST).

**INTERNATIONAL MEDICAL AND CLINICAL PERFUSIONISTS**
Four eLearning subjects only, no practical component - AUD $6,600 (incl. GST).

**Course duration**
Subject completion requires approximately 60 hours of eLearning. Practical component is completed on the job or with an accredited training unit.

**How to apply**
Go to [go.unimelb.edu.au/f3v6](go.unimelb.edu.au/f3v6)

**Get in touch**
- [medicine.unimelb.edu.au/mlu](medicine.unimelb.edu.au/mlu)
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- +61 3 8344 5673