Monash University is an international leader in critical care research, investigating improvements to patient care encompassing pre-hospital, emergency and trauma, ICU and anaesthesia.

**Overview**
The Critical Care Division:
- Manages competitive grants to conduct high-impact, large-scale, investigator-initiated national and international clinical trials designed to determine best and most cost-effective practice;
- Studies critically ill patients with conditions as diverse as cardiac arrest, trauma, sepsis and transfusion;
- Monitors overall improvements in the management of critically ill patients through state and national registries, which allows benchmarking of clinical outcomes at a national and international level;
- Builds capacity in critical care research through the training of national and international clinical leaders in research; and
- Develops and maintains strong collaborations with national and international clinical research networks.

**Components**
The Critical Care Division is comprised of:
- ANZ Intensive Care Research Centre;
- Anaesthesia - ANZCA Clinical Trials Network;
- NHMRC Centre of Research Excellence for Australian Resuscitation Outcomes Consortium (Aus-ROC);
- NHMRC Centre of Research Excellence for Patient Blood Management in Critical Illness and Trauma (Blood-CRE);
- Pre-hospital, Emergency and Trauma Research Unit;
- Transfusion Research Unit; and
- State and national critical care, trauma and transfusion registries.

**Training**
The Critical Care Division offers:
- Course-work and research degrees;
- Short courses and symposia in aspects of critical care research; and
- Integrated postdoctoral clinical research programs.
Expertise
The Critical Care Division’s areas of expertise include:
- Clinical medicine;
- Epidemiology;
- Biostatistics;
- Data management; and
- Health economics.
Further information

www.med.monash.edu/sphpm

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**Short Courses / Symposia**
Alfred Department of Intensive Care:
alfredicu.org.au/courses
Alfred Emergency and Trauma Centre:
alfredetc.org.au/health-professionals/professional-development/

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