

**Medicine, Nursing  
and Health Sciences**

School of Public Health and Preventive Medicine

# Critical Care Research



**International  
*Leader***



# Critical Care Division: Research and Registries

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](http://www.med.monash.edu/sphpm)

## Contact Us

### Doctoral / Post-doctoral

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### Master of Advanced Critical Care Practice

**Professor Carlos Scheinkestel**

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### Short Courses / Symposia

**Alfred Department of Intensive Care:**

[alfredicu.org.au/courses](http://alfredicu.org.au/courses)

**Alfred Emergency and Trauma Centre:**

[alfredetc.org.au/health-professionals/professional-development/](http://alfredetc.org.au/health-professionals/professional-development/)

### Master of Medicine (Perioperative Medicine)

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