We are Australia's largest clinical registry manager, housing 28 registries across drugs, devices, clinical and disease states.

Clinical registries monitor variation in healthcare, supporting best practice, improving the quality of clinical care and driving better patient outcomes.

**Impact of our work**

**Australian Breast Device Registry**
This registry has over 9,000 patient entries and supports best surgical practice, device safety and long-term outcomes in recipients of breast devices. It is the only registry in the world to be supported by all three surgical crafts: plastic and reconstructive surgeons, cosmetic surgeons and general breast surgeons.

**Bariatric Surgery Registry**
Since 2012 this quality and safety registry has measured outcomes for patients undergoing bariatric surgery across public and private hospitals in Australia and New Zealand. It is designed to improve long-term outcomes and reduce resource waste around obesity, one of Australia's largest health challenges.

**Haemostasis Registry**
Registry data was used to investigate off-licence use of recombinant Factor VIIIa in the management of critical bleeding of multiple aetiologies. It was invaluable in demonstrating mortality and morbidity outcomes, identifying clinical contexts yielding high and low efficacy and identifying new and unexpected areas of use. This evidence was incorporated into national patient blood management guidelines for massive transfusion, published in 2011.

**Our strengths**

- **Epidemiology**
  Our School has built on epidemiology as a core strength since our beginnings as the Department of Epidemiology and Preventive Medicine. We are the Australian lead for the world's largest primary prevention aspirin study ever undertaken in healthy older people (ASPREE) and our 900+ staff have led countless other population health investigations.

- **Statistical and Data Analysis**
  Big data requires novel approaches to analysis. We investigate, develop and utilise novel methodologies and processes to improve data integrity from collection to reporting. Our expert leaders in epidemiological modelling and health informatics provide pathways to translate registry data into improved standards, better clinical outcomes and reduce wastage.

- **IT Infrastructure**
  We have invested in a strong IT infrastructure and multiple platforms that ensure our ability to safely collect and store big datasets generated by registries.

- **Academic leadership**
  In 2016 the Registry Sciences Unit was established within our group. Led by Dr. Susannah Ahern, a medical administrator and academic, the unit takes a multidisciplinary approach to working with clinicians and funders in order to develop new registries and support existing registries.

**Key contacts**

**Professor John McNeil**  
Head of School  
Prof McNeil is a physician with a background in clinical pharmacology and epidemiology. He is a co-principal investigator for the flagship ASPREE study, the largest prevention trial conducted in Australia.

**Dr Susannah Ahern**  
Head of Registry Sciences Unit  
Dr Ahern has extensive experience in health services leadership and management, clinical governance, strategic and service planning, clinician engagement and medical workforce management. She leads the teaching and research program in Health Service Management at the School.

To discuss new registry establishment email med-clinicalregistries@monash.edu or phone +61 (0)3 9903 0463.
Current Registries

AUSTRALIAN & NEW ZEALAND MASSIVE TRANSFUSION REGISTRY

AUSTRALIAN CYSTIC FIBROSIS DATA REGISTRY

ANZSCTS NATIONAL CARDIAC SURGERY DATABASE PROGRAM

HAEMOGLOBINOPATHY REGISTRY

AUSTRALIAN RHEUMATOLOGY ASSOCIATION DATABASE

LYMPHOMA AND RELATED DISEASES REGISTRY

BARIATRIC SURGERY REGISTRY

MYELOMA AND RELATED DISEASES REGISTRY

AUSTRALIAN BREAST DEVICE REGISTRY

AUSTRALIAN TRAUMA REGISTRY

NEONATAL ALLOIMMUNE THROMBOCYTOPENIA REGISTRY

MELBOURNE INTERVENTIONAL GROUP REGISTRY

BURNS REGISTRY OF AUSTRALIA & NEW ZEALAND

REGISTRY OF KIDNEY DISEASES

THROMBOTIC THROMBOCYTOPENIA PURPURA/THROMBOTIC MICROANGIOPATHIES REGISTRY

PROSTATE CANCER OUTCOME REGISTRY AUSTRALIA AND NEW ZEALAND

VENOUS THROMBOEMBOLISM COHORT STUDY

UPPER GASTROINTESTINAL CANCER REGISTRY

VICTORIAN CARDIAC OUTCOMES REGISTRY

VICTORIAN LUNG CANCER REGISTRY

VICTORIAN ORTHOPAEDIC TRAUMA OUTCOMES REGISTRY

VICTORIAN PROSTATE CANCER REGISTRY

VICTORIAN STATE TRAUMA REGISTRY

AUSTRALIAN SPINE REGISTRY