

**Director of Anaesthesia**  
A/Prof Laurence Weinberg  
BSc, MBBCh, MRCP,  
FANZCA, Dip.Crit.CareEcho,  
MD

**Admin Manager**  
Mrs Chris Bailes

**Deputy Director (Admin)**  
Dr Dean Cowie  
MBBS, FANZCA,  
Dip.Crit.CareEcho

**Deputy Director (Clinical Operations):**  
Dr Louise Ellard  
MBBS FANZCA  
AdvPTEeXAM

**The Surgical Centre**  
**Head:** Dr David Tremewen  
MBBS, FANZCA,  
Dip.Crit.CareEcho,  
**Deputy Director:** Dr Brett Pearce  
MBBS, FANZCA

**Consultant staff Anaesthetists**

Dr Daniel Banyaz  
MBBS, FANZCA  
Dr Tim Coulson  
MBBS, FANZCA  
Dr Stefion O'Congalie  
MBBS, FRCA, FANZCA  
Dr Justin Nazareth  
MBBS, FANZCA  
Dr Ranj Guha  
MBBS, FANZCA  
Dr Matt Lee  
MBBS, FANZCA  
Dr Charlotte Heldreich  
MBBS, FANZCA  
Dr David Lam  
MBBS, FANZCA  
Dr Navroop Johal  
MBBS, FANZCA  
Dr Dishan Chandrasekara  
MBBS, FANZCA  
Dr Chong Tan  
MBBS, FANZCA  
Dr Raymond Hu  
MBBS, FANZCA  
Dr Audrey Bren  
MBBS, FANZCA  
Dr Lachlan Miles  
MBBS, FANZCA  
Dr Jonathan Graham  
MBBS, FANZCA  
Dr Ian Harley  
MBBS, FANZCA, FRCA  
Dr William Howard  
MBBS, Dip Med(Pain Mgt),  
FANZCA, FPPMANZCA  
Dr Antony Leaver  
MBBS, FANZCA  
Dr Frank Liskaser  
MBBS, FANZCA  
Dr Shiva Malekzadeh  
MBBS, FANZCA  
Dr Peter McCall  
MBBS, FANZCA;  
Prof Philip Peyton  
MBBS, FANZCA, DA(UK),  
DipObs(RACOG), MD, PhD  
Dr Param Pillai  
MBBS, MD Anaes, FRCA  
Prof David Story  
MBBS, FANZCA, MD

## BIOSTATISTICS STATEMENT

29<sup>th</sup> April 2019

**Re: Title: The relationship between acute hypercarbia and hyperkalaemia during surgery**

Data from the original study from which this cohort of patients are derived has been analysed by **Professor Leonid Churilov, Head, Department of Statistics and Decision Analysis Academic Platform, Florey Institute of Neuroscience & Mental Health, Victoria, Australia.** A statistical analysis of the above manuscript has been performed by the Academic Research Unit in the Department of Anaesthesia, Austin Health.

The following data files have been used for the analyses. All files are verified and are available for review:

1. **Raw\_Data\_10\_Oct\_2017.xlsx**
2. **Database\_Prism\_10\_Oct\_2017**
3. **log\_analysis\_3May16\_long.txt**
4. **log\_analysis\_26Apr16\_wide.txt**

The study has received institutional board and ethical approval from the Austin Health Research and Ethics Committee, and all participants have provided informed written consent. The approval number is HREC/15/Austin/412.

The study has been prospectively registered with the Australian New Zealand Clinical Trials Registry (ACTRN: 12616000146493).

Sincerely,



**A/Prof Laurence Weinberg**  
**BSc, MBBCh,MRCP,DPCritCareEcho,FANZCA,MD**

**Chairperson, Human Research Ethics Committee, Austin Health**  
**Director, Department of Anaesthesia, Austin Health**  
**Associate Professor, Department of Surgery, University of Melbourne**  
**Associate Professor, Perioperative Pain and Medicine Unit, Department of Surgery, University of Melbourne**