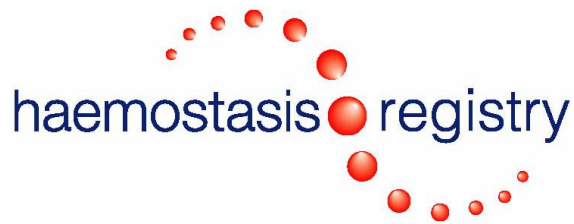


Mid-Year Newsletter

Newsletter 13, July 1st 2009



**Report from the Project Officer,
Dr Amanda Zatta**

It's been a very busy but exciting start to the year and I have thoroughly enjoyed every minute of it. Our key target was to enter as many outstanding cases onto the Registry as possible before our Investigators Workshop to ensure that we presented the most up to date data. In the process we hired five new data collectors to assist any hospitals struggling to catch up. This three month period saw a record number of new cases entered (~415) which is a fantastic achievement! Thank you to all the local investigators and data collectors for your dedication and hard work; we would not have met our targets without your help! We are presently nearing a total of 3000 cases on the registry.

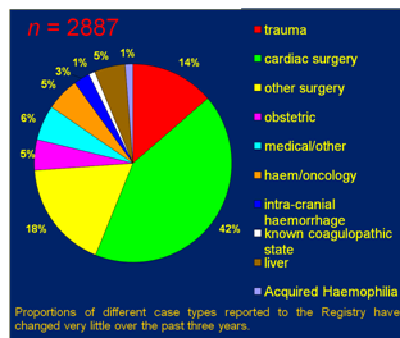
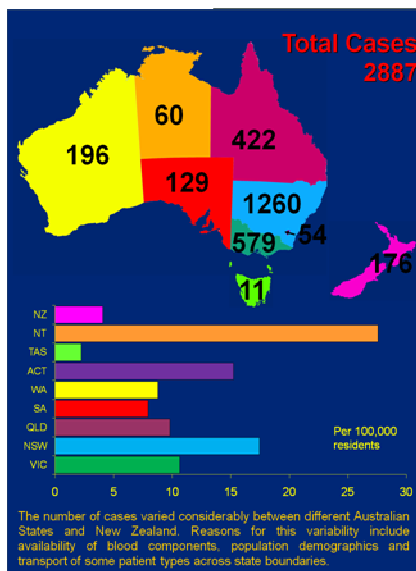
Future Directions of the Registry

Over the next 6 months our primary goal is to put the 'Audit' back on the agenda and to become recognised as the benchmark for all other registries in terms of quality of data and methodological rigors. To accomplish this, we will be calling for any outstanding audit cases to be submitted. Then with the help of the Monash Statistics Department we

will develop statistical methodologies to elucidate what parameters are well reported and what are not. This study will not only inform us of the quality of the Haemostasis Registry data but also highlight what parameters are still meaningful and what may need to be examined and possibly revised. Your support is critical as this will shape the way we collect data in the future.

Snapshot of Registry Data

As of 1st of July 2009 we have 2887 cases from 76 contributing hospitals and we currently have 91 hospitals on the Registry with ethics approval.



Haemostasis Registry Investigator Workshop – May 27th, 2009



The Haemostasis Registry Investigator Workshop this year was a resounding success; we had seventy attendees from all corners of Australia and New Zealand. The workshop was well received by all, and is proving to be a productive and informative event. The excellent discussion generated by our local investigators this year has prompted us to examine the feasibility of a cardiac randomised clinical trial using activated recombinant FVII. There is no question that a well designed RCT is critical in establishing the efficacy and safety of rFVIIa for off-licensed use and we will do our best to establish if it is feasible to conduct such a trial in our region. Special thanks to our presenters and support staff who contributed to make the workshop a huge success!



Mid-Year Newsletter

Newsletter 13, July 1st 2009



Data Collection Matters

New ALERT on the 'Replacement Therapy' page - We have identified that blood products transfused are sometimes being incorrectly reported for paediatric cases. To help improve the quality of this data we have added a New Alert to clarify *what and how* data should be entered on the 'Replacement Therapy' page. This Alert states: "For paediatric cases please convert all transfused blood products to Adult Units or fractions of Adult Units. For infants and neonates (<1 year of age) please also report actual volume transfused in mls in the Comments field on the Outcomes Page. Thank you." For further information please do not hesitate to contact us at the Registry.

AAA supplement – As you are aware, patients with abdominal aortic aneurysms (AAA) have a very poor outcome despite excellent medical attention. We are currently taking a closer look at the AAA patients treated with rFVIIa on the Haemostasis Registry (~100 cases) to see if they do any better than expected. In order to standardise the results, we have recently developed a 'new' supp which generates a score based on the severity of the patients' condition prior to administration of rFVIIa. It is anticipated that this will allow us to compare the AAA results in a more meaningful way. We look forward to sharing the findings with you soon. The AAA supp is currently paper based but once the data is collected and analysed, we may incorporate a

revised web based version at some stage in the future.

Upcoming Events

Haemostasis Registry Seminars:

Amanda Zatta will be hosting a series of Haemostasis Registry Seminars for Data Collectors. The first seminar will be held at the Prince Charles Hospital in Brisbane on Tuesday the 11th of August. The second seminar will be held in Sydney at Royal Prince Alfred Hospital on Wednesday the 12th of August. Please contact Amanda Zatta or Rosalie Clementson to register your interest.

haemostasis.registry@med.monash.edu.au

Patient Consent and Blood

Transfusion Seminar: This seminar hosted by the Transfusion Outcomes Research Collaborative will be held on Monday the 17th of August 2009 at The Royal Melbourne Hospital Function and Convention Centre in the Charles Latrobe Lecture Theatre (10am-3.30pm). We have a wonderful line up of speakers, including a presentation by the Chair of our Steering Committee, Professor James Isbister. We greatly encourage your attendance; for information please e-mail Rosalie Clementson or Nikita Schembri for more information at: torc.sphpm@med.monash.edu.au.

Publications

Cameron PA, Phillips L, Balogh Z, Jankelowitz G, Joseph A, Parr M, Pearce A, Recombinant Activated Factor VII in trauma: experience from the Australian and New Zealand Haemostasis Register. *Injury* 2007 38(9):1030-8.

Isbister J, Dunkley S, Cameron P, Phillips L. The Australasian haemostasis register for clinical use of recombinant activated factor VII. *IsBT Science Series* 2007;2: 110-112

Isbister J, Phillips L, Dunkley S, Jankelowitz G, McNeil J and Cameron P. Recombinant activated factor VII in critical bleeding: experience from the Australian and New Zealand Haemostasis Register. *Internal Medicine Journal* 2008; 38(3): 156-165

Dunkley S, Phillips L, McCall P, Brereton J, Lindeman R, Jankelowitz G, Cameron P. Recombinant Activated Factor VII in cardiac surgery: experience from the Australian and New Zealand Haemostasis Register. *Annals of Thoracic Surgery* 2008; 85:836-844

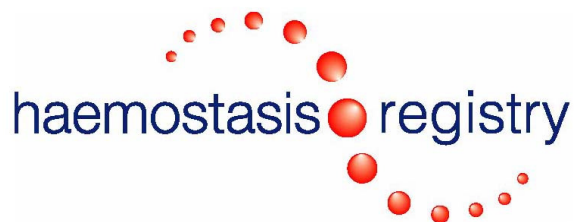
Accepted Manuscripts

Phillips L, McLintock C, Pollock W, Gatt S, Popham P, Jankelowitz G, Ogle R, Cameron P. Recombinant Activated Factor VII in obstetric haemorrhage: experiences from the Australian and New Zealand Haemostasis Register. *Anesthesia and Analgesia*

Phillips LE, Zatta AJ, Schembri NL, Noone AK, Isbister J. Uncontrolled Bleeding in Surgical Patients: the role of recombinant activated factor VIIa. *Current Drug Targets*

Mid-Year Newsletter

Newsletter 13, July 1st 2009



Conference Presentations in 2009

Australasian Trauma Society; Trauma2009, Auckland, NZ, March 2009. Entering the "Triad of Death" and the concept of futility in the use of recombinant activated factor VII. Oral presentation given by Prof. Peter Cameron.

5th Novo Nordisk Gulf Symposium on Haemostasis Management, Istanbul, Turkey, May 2009. The Australian and New Zealand Haemostasis Registry. Oral presentation given by Dr Louise Phillips.

4th Annual Haemostasis Registry Investigator Workshop, Melbourne, May 2009 (Presenters: Prof John McNeil, Prof Peter Cameron, Dr Louise Phillips, Dr Cameron Willis, Dr Dev Mitra)

European Haematology Association 14th Congress, Berlin, Germany, June 2009. Recombinant activated Factor VII for bleeding in the setting of malignancy and hematopoietic stem cell transplantation. Oral presentation given by Dr Louise Phillips.

Joint Faculty of Intensive Care Medicine, Brisbane, June 2009. Recombinant Activated Factor VII in Liver Patients: experience from the Australian and New Zealand Haemostasis Register. Poster presentation given by Dr Oliver Flower.

Registry Contact Details

Dr. Louise Phillips
Project Manager – 03 9903 0051

Dr. Amanda Zatta
Project Officer – 03 9903 0551

Ms Rosalie Clementson
Senior Administrator – 03 9903 0551

haemostasis.registry@med.monash.edu.au

Hospital Update – Haemostasis Registry

State	Hospital Name	Total Cases on Registry
ACT	The Canberra Hospital	54
NSW	Blacktown Hospital	1
	Children's Hospital at Westmead	60
	Concord Hospital	37
	Dalcross Private Hospital	2
	John Hunter Hospital	35
	Lismore Hospital	5
	Liverpool Hospital	123
	Nepean Hospital	9
	North Shore Private Hospital	35
	Port Macquarie Base Hospital	0
	Prince of Wales Hospital	156
	Royal Hospital for Women (NSW)	7
	Royal North Shore Hospital	144
	Royal Prince Alfred Hospital	291
	St George Private Hospital	20
	St George Public Hospital	47
	St Vincents Private Hospital Sydney	19
	St Vincents Public Hospital Sydney	106
	Sydney Adventist Hospital	17
	Sydney Children's Hospital	28
	Tweed Heads Hospital	0
	Westmead Hospital	112
NT	Alice Springs Hospital	13
	Royal Darwin Hospital	47
NZ	Auckland City Hospital	61
	Christchurch Hospital	14
	Dunedin Hospital	0
	Middlemore Hospital	21
	North Shore Hospital (NZ)	6
	Rotorua Hospital	6
	Tauranga Hospital	4
	Timaru Hospital	0
	Waikato Hospital	29
	Wellington Hospital	39
	Whangarei Hospital	2
QLD	Allamanda Hospital	0
	Gold Coast Hospital	19
	Mackay Base Hospital	4
	Mater Children's Hospital	9
	Mater Health Brisbane	24
	Nambour Hospital	24
	Prince Charles Hospital	106

State	Hospital Name	Total Cases on Registry
QLD cont	Princess Alexandra Hospital	137
	Redcliffe Hospital	3
	Royal Brisbane Hospital	52
	Royal Childrens Hospital Queensland	19
	Townsville Hospital	25
SA	Flinders Medical Centre	32
	Flinders Private Hospital	1
	Lyell McEwin Hospital	0
	Modbury public Hospital	1
	Queen Elizabeth Hospital	28
	Repatriation General Hospital	2
	Royal Adelaide Hospital	58
	Women's and Children's Hospital	7
TAS	Launceston Hospital	3
	North West Regional Hospital	5
	Royal Hobart Hospital	3
VIC	Alfred Hospital	59
	Austin Hospital	106
	Bendigo Hospital	4
	Box Hill Hospital	5
	Cabrini Hospital	7
	Epworth Hospital	33
	Geelong Hospital	90
	Knox Private Hospital	13
	Mercy Hospital for Women	4
	Monash Medical Centre	38
	Northern Hospital	0
	Peter McCallum Cancer Centre	5
	Royal Childrens Hospital Melbourne	19
	Royal Melbourne Hospital	103
	Royal Womens Hospital (VIC)	5
	St Vincents Hospital Melbourne	53
	Warringal Private Hospital	35
	Warrnambool Hosp	0
WA	Fremantle Hospital	29
	King Edward Memorial Hospital for Women	14
	Mount Hospital	0
	Princess Margaret Hospital for Children	28
	Royal Perth Hospital	102
	Sir Charles Gairdner Hospital	13
	St John of God Hospital Murdoch	1
	St John of God Hospital Subiaco	9
Total cases on the Registry as of 1 July 2009		2887