

## The Role of IT in Improving Patient Safety

Monday 7<sup>th</sup> August 2006



*Information technology (IT) is at the forefront of public and private sector efforts to improve healthcare safety, quality and efficiency. There is clear and compelling evidence that IT can play a critical role in addressing some of the challenges faced by our healthcare system.*

*This seminar will discuss the current state of play at a national and state level and will highlight some key areas where it has been used in Australia, both in general practice and in the hospital setting. Also explored will be issues hampering the widespread use of IT in the health system, including the concerns and expectations of the consumer.*

**Who should attend:** Quality and Safety personnel, clinicians, IT managers, Healthcare Administrators.

**Registration details on back page**

### Venue

Charles Latrobe Lecture Theatre  
Ground Floor, Royal Melbourne Hospital  
Function and Convention Centre  
Grattan St, Parkville 3050

<http://www.mh.org.au/functioncentre/frame.html>

Date - Monday 7th August 2006  
Cost - \$88 (inclusive of GST) per delegate.  
Enquiries to Peta McLaughlin 03 9903 0245  
or Sue Evans 03 9903 0017

[www.CREpatientsafety.org.au](http://www.CREpatientsafety.org.au)

### Speakers

**Professor Peter Cameron:** Interim Director, CRE in Patient Safety; Emergency Physician, Alfred Trauma Centre; Head State Trauma Registry; Chair, Statewide Emergency Access Reference Committee.

**Associate Professor Christine Kilpatrick:** Chair of the Victorian Quality Council and Executive Director Clinical Governance at Melbourne Health. Christine worked as a neurologist at Royal Melbourne Hospital for over 20 years. She was a member of the Women's and Children's Health Board from 2000-2004 and a member of the Royal Children's Hospital Board and chaired the RCH Board Quality Committee from 2004 to 2006.

**Ms Jan Whitaker:** Board Member of the Australian Privacy Foundation, and an IT systems consultant. Jan serves on the editorial committee of the Health Issues Centre journal, Health Issues, and has served on the Community Advisory Committee for Southern Health and the Community Reference Committee for the Victorian Health Records Act.

**Clinical Associate Professor Peter Sprivilis:** An internationally respected expert on patient flow in acute settings. Peter is an active researcher into the relationship between patient flow, hospital overcrowding and patient safety. Peter is also leading the National E-Health Transition Authority's Benefits Realisation Study. Peter has extensive experience in the use of linked administrative data for the evaluation of health systems performance.

**Dr Caroline Brand:** Director Clinical Epidemiology & Health Services Evaluation Unit, Royal Melbourne Hospital. Caroline previously spent 15 years in private practice as a Rheumatologist and in Rheumatology positions at Royal Melbourne and Alfred Hospitals. Caroline continues to perform ambulatory care in clinical Rheumatology at RMH. Caroline's interests reside in quality improvement research that focuses on clinician engagement in a systems approach to patient safety and implementation of evidence into practice.

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## *Speakers continued*

**Professor John McNeil:** Head, Department of Epidemiology & Preventive Medicine, Monash University. Vascular physician in the Vascular Medicine Unit, Monash Medical Centre. Chair, Alfred Human Research Ethics Committee, Chair of the Quality Committee of the Metropolitan Ambulance Service and Chair of VPHREC.

**Mr John Mieczko:** In the past 25 years John Mieczko has worked for both the private and public sector in the application of information technology and telecommunications to drive organisational change. John is currently the Director, Projects Branch within the South Australian Department of Health and is responsible for the OACIS Programme, which involves deploying Australia's largest multi-hospital integrated real-time common clinical information system.

**Professor Clifford Hughes:** Chief Executive Officer of the Clinical Excellence Commission in New South Wales. Professor Hughes was formerly a Senior Partner in a Sydney cardiothoracic surgical practice and Head of the Cardiothoracic Surgery Unit in the Royal Prince Alfred Hospital. He has also been a member of the Australian Council on Safety and Quality in Health Care and has also chaired taskforces on Safe Hours, Fatigue and Device Tracking and the Therapeutic Device Evaluation Committee for the Australian government.

**Clinical Associate Professor Peter Schattner:** Peter is a general practitioner and lecturer in the Department of General Practice, Monash University. Peter has developed educational courses for GPs on how to search the Internet, and particularly, evidence based databases. Peter has produced a self-assessment guideline on computer security which has been distributed to every general practice in Australia.

**Dr Malcolm Pradhan:** Vice President, Research and Development, Alcidion Corporation and Director of Health Informatics, Faculty of Health Sciences in the University of Adelaide. Malcolm has a Doctorate of Philosophy in Medical Informatics from Stanford University, California and a Bachelor of Medicine and a Bachelor of Surgery, from the University of Adelaide, SA. Malcolm is also a Founding Fellow of the Australian College of Health Informatics.

**Associate Professor Ian Scott:** Director of the Department of Internal Medicine and Clinical Epidemiology and Director of the Clinical Services Evaluation Unit at Princess Alexandra Hospital in Brisbane. Ian is also an Associate Professor of Medicine at the University of Queensland. He chairs the Queensland Health Cardiac Collaborative; is a senior associate of the Queensland Clinical Practice Improvement Centre; and is a member of the Medical Quality Board and the Public Reporting Advisory Panel of Queensland Health.

**Dr Peter Clark:** Intensivist, Westmead Hospital, NSW. Peter is a retrieval physician for Care Flight. He has extensive experience in providing remote critical care services.

**Professor Joe Ibrahim:** Foundation Professor and Director of Aged Care Medicine at Peninsula Health and Monash University and is a practicing consultant physician. Joseph is an inaugural member of the Clinical Liaison Service at the State Coroner's Office and the Victorian Institute of Forensic Medicine investigating the system failures associated with health care related deaths.

**Professor Don Campbell:** Director, Monash Institute of Health Services Research and respiratory physician, Monash Medical Centre. Don has significant interest and experience in using IT to map the patient journey through hospital and to improve system processes.

**Catherine Steele:** General Manager of the Australian Centre for Health Innovation. Cathie has experience in health management in roles that include clinical management, quality, patient safety, risk management and strategic planning in both regional and metropolitan health care organisations. She has held the position of Clinical Associate Professor of Physiotherapy at Melbourne University, and is a surveyor with the Australian Council on Health Care Standards.

**Dr George Margelis:** Industry Development Manager for Intel's new Digital Health Group. He has previously held the position of Chief Informatics Officer of a Sydney private hospital group, manager of a software development group and board member at the state and national level of the Health Informatics Society of Australia. He is a registered medical practitioner and optometrist.

# Program

**08:45 Registration**

**09:15 Welcome** - Professor Peter Cameron, Director CRE in Patient Safety

**09:30 Opening address** - Associate Professor Christine Kilpatrick

## **Session 1 - At a macro level.....the current state of play**

Facilitated by Dr Caroline Brand, Director, Clinical Epidemiology and Health Services Evaluation Unit, Royal Melbourne Hospital.

**09:40 Ms Jan Whitaker, Health Issues Centre and Australian Privacy Foundation - The consumer perspective**

**10:00 Clin. Assoc. Professor Peter Sprivilis, Dept of Health WA - The paths to benefits from national eHealth investment**

*What are the expected benefits from NEHTA's eHealth investment? How will benefits be realised? Modelling benefits and cost of eHealth.*

**10:30 Morning tea break**

## **Session 2 - The wider application of IT**

Facilitated by Dr Caroline Brand, Director, Clinical Epidemiology and Health Services Evaluation Unit, Royal Melbourne Hospital.

**11:00 Mr John Mleczko, Information and Communication Technology Services, Dept of Health SA - The OACIS program.**

*A progress report on South Australia's OACIS program. Hooking up the state: the power of IT to make it happen. Lessons learned along the way.*

**11:30 Professor Clifford Hughes - CEO, NSW Clinical Excellence Commission – Using IT to improve the reporting and management of adverse incidents.**

*The NSW Incident Information Management System.*

**12:00 Clin. Assoc. Professor Peter Schattner, Dept of General Practice, Monash University – IT in General Practice.**

*An overview of how technology has impacted on general practice. Lessons learned along the way.*

**12.30 Lunch**

## **Session 3 - IT at the clinical interface**

Facilitated by Professor Joe Ibrahim, Clinical Liaison Officer Victorian Coroner's Office

**13:15 Dr Malcolm Pradhan, Alcideon Corporation, SA - Designing smart information systems.**

*Attributes of IT systems for success in patient safety. What the healthcare industry needs to do to catch up in its use of IT. Designing IT so that clinicians want to use it.*

**13:45 Associate Professor Ian Scott, Director, Internal Medicine, Princess Alexandra Hospital - The smart use of IT to monitor, evaluate and inform clinical practice in cardiac patients.**

*Getting evidence into practice. Introducing a web-based system. The importance of being able to customise information output. Realising the cost-benefit.*

**14:15 Dr Peter Clark, Intensivist, Westmead Hospital - The role of clinical oversight in improving patient safety**

**14:35 Panel discussion: the clinician's perspective.**

*Where do we need to focus our attention? What would help at the coalface?*

**15:00 Afternoon tea**

## **Session 4 - Mobilizing IT to improve patient safety**

Moderated by Professor Joe Ibrahim, Clinical Liaison Officer, Victorian Coroner's Office

**15:15 Panel discussion - How can we mobilise IT in our health system?**

*Professor John McNeil, Professor Don Campbell, Ms Cathie Steele, Dr George Margelis, Professor Peter Cameron, representing clinicians, executive staff, researchers and industry.*

**16:00 Close**

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## REGISTRATION FORM



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To register fill in the form below and fax to 9903 0181

**Cost - \$88.00 (GST inclusive)**

***Payment can be made by cheque payable to Monash University, or by credit card.***

**Cheques** should be sent to - CRE Patient Safety Seminar, Epidemiology & Preventive Medicine, Monash University, Alfred Hospital, Melb. 3004

**Credit card payment** - complete details below and fax to 03 9903 0181

You will be notified by email of receipt of registration.

Please book early as places are limited.

**Please keep a copy of this form as a tax invoice/receipt**

Monash University ABN 12 377 614 01

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