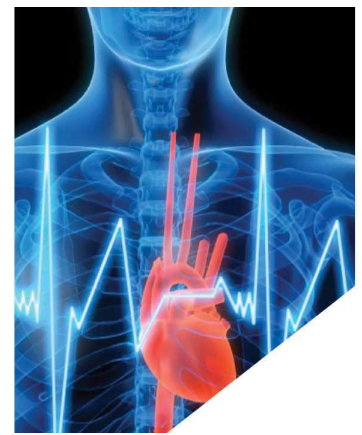


Hybrid Operating Theatre:

Presentation By Grant McKenzie, Philips Applications
& Bryan Oloson, Stryker Communications



COLLEGE OF BIOMEDICAL ENGINEERING
&
IEEE QLD EMB CHAPTER

Date: 23rd November, 2009

Time: 5.30pm for 6.00pm Start

Location: Operating Theatre Seminar Room

(take the lift to level 3 from main foyer of the Ned Hanlon building)

Royal Brisbane Hospital, Herston

Alicia Machin is taking registrations for this event via

email amachin@engineersaustralia.org.au or phone (07) 3832 3749

Please RSVP by the 18th November 2009 as theatre gowns will need to be ordered for the event

About the Topic:

Endovascular procedures is a type of minimally invasive surgery that accesses many regions of the body via the major blood vessels.. This approach is overtaking conventional surgical options due to the benefits patients experience from the less invasive procedure. Hence, adoption rates for these catheter-based treatments are expected to continue to increase.

The Hybrid Operating Theatre is designed around a unique communication and information sharing needs of vascular/cardiac surgeon and his/her team. Through efficient connectivity of information and communication technology, the patient information is dramatically improved through greater availability and visualization of patient vitals, haemodynamics, angiographies and TEE. Surgeons can optimise their contact with the operating theatre team, support providers in the Lab and the patient.

The hybrid operating theatre is a relatively new concept in Queensland with one of the first installations appearing in the Royal Brisbane Hospital. The contributors to this installation are Philips Healthcare with their x-ray imaging system, and Stryker with their control and information connectivity and sharing capability through use of flat display technology and high resolution routing, will present and demonstrate this concept and its various features through a hands-on approach.

College of Biomedical Engineering:

The Biomedical Engineering College aims to support and promote the activities of members of the engineering team that work closely with medical practitioners, health-industry professionals, vehicle and safety equipment manufacturers to enhance human life. The College has National Committees & Panels in Clinical Engineering, Rehabilitation Engineering and Biomechanics of Impact Injury.

<http://www.engineersaustralia.org.au/biomedical>

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