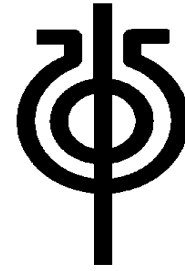




ENGINEERS
AUSTRALIA
South Australia Division



**Engineers Australia's College of Biomedical Engineers (SA Branch),
The Society for Medical and Biological Engineering, &
The Australasian College of Physical Sciences and Engineers in Medicine**

Jointly present

The evolution of improved Pulse Oximetry and the impact on clinical performance and opportunities

Speaker: Paul Mannheimer, Nellcor/Covidien

Talk details:

Paul will be talking all about SpO₂:

- the history of SpO₂ and OxiMax technology
- more than signal processing
- expansion from the OR
- how the RCAL algorithm works (and what is it anyway?)
- sensor selection
- testing & standards - ISO 9919 Oximetry Standard

Paul Mannheimer is a PhD biomedical engineer/physicist with more than 25 years of hands-on experience in technology research and product design, including pulse oximetry, patient monitors and reusable and single-patient-use non-invasive sensors. Paul is a published author of numerous peer-reviewed research papers, abstracts, and white-papers, and an inventor named in more than 60 issued U.S. patents. His current work involves independent consultation for medical technology development, product design and clinical research. He previously held the position of Chief Scientist & Sr. Technical Fellow at Nellcor/Covidien, where he worked between 1987 and 2008.

Event details:

Date: Wed 12 May 2010

Venue: Engineers Australia
Level 11,
108 King William Street,
Adelaide SA 5000
(Parking on Flinders St after 5pm)

Time: 5:30pm refreshments, 6:00pm
talk

Cost: Members FREE, guests also
free

RSVP: RSVP to Anne-Louise Smith
Phone: 8204 6083 or email
anne-louise.smith@health.sa.gov.au

