

HEALTHCARE

Can we meet the Challenge?



3 — 5 October 2001 • Sun City • South Africa

Organised by

South African Federation of Hospital Engineering
Clinical Engineering Association of South Africa

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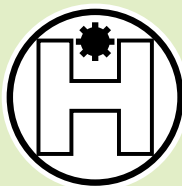
Department of Health, South Africa

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Southern Africa faces many challenges in ensuring acceptable access to healthcare, not least of which are an aging infrastructure; inappropriate location; type of facilities or technologies; affordability; skills availability and shortages; the AIDS epidemic and a limited budget.

New technologies can provide solutions but need to be tailored to local circumstances.

This Conference will bring together specialists and interested people with knowledge, expertise and interest in providing affordable and appropriate healthcare facilities and services in Southern Africa. As a sequel to the highly successful event at Club Mykonos in November 1999 — where both the conference and exhibition were totally sold out — it is an event which should not be missed.

Who should attend?

**Health service and facilities:
Planners, Administrators
and Managers**

Medical equipment specialists

Architects

Engineers

Quantity surveyors

Maintenance personnel



DAY ONE Wednesday 3 October

PLENARY

09:00 REGISTRATION

10:00 Opening Address

Minister of Health —Invited

11:00 First and Third World Clinical Engineering

Dr Binseng Wang, National Quality Director, Mediq-PRN Life Support Services, USA

11:30 First and Third World Health Services Management and Maintenance

Graham Perry, Senior Projects Manager, NHS Estates

12:00 LUNCH

13:00 STRATEGIC PLANNING: 3 PAPERS AND DISCUSSION

Integrated Health Planning Framework Policy

Rod Bennett, EU Technical Assistant, Department of National Health

Health Technology Policy

Gvobani Quville, Deputy Director: Health Technology Management, Department of National Health

Policy Implementation

Charles Dalton, Director: Healthcare Management Advisory Services, KPMG

14:30 TEA

15:00 PANEL DEBATE

The impact of HIV/AIDS on the provision of health facilities

including speakers: Dr Mary Crewe, Director: Centre for the Study of AIDS, Pretoria University and Dr Karin Prins, CEO, HIV Care

18:00 COCKTAIL PARTY — EXHIBITION OPENS — EVENING AT LEISURE

DAY TWO Thursday 4 October

PLENARY

08:00 REGISTRATION

08:15 INFRASTRUCTURE MANAGEMENT:

Managing Baragwanath

Dr Reg Broekman, CEO, Baragwanath Hospital and Dr George Veliotes, Superintendent, Baragwanath Hospital

Rural health infrastructure management

Mrs B Mzileni, Director: Policy Planning and Information, Eastern Cape Department of Health

No health without better management — the new era leadership

Cesar Alexandre, Chief Engineer, Directorate Engineering and Technical Support, PAWC

Gauteng Facilities Management System

Caswell Mthombeni, Chief Director: Building Maintenance, Gauteng Department of Transport and Public Works

10:45 TEA / EXHIBITION VIEWING

A FACILITIES

11:15 Can some new UK ideas apply to South Africa?

Mike Nightingale, Senior Partner, Nightingale Associates, UK

11:45 Umtata Hospital

Brigid Boltman, Director, LEAP — Specialist Strategic & Planning Solutions and Braam van der Hoven, Architect, Bartch, van Heerden, Visser and Partner

12:15 Design and Development of Supporting Systems for Rehabilitation of King George V Hospital, Durban, KwaZulu Natal

Deon von Onselen, Architect / Director, Osmond Lange Architects

12:45 LUNCH

A FACILITIES

14:00 Design guidelines for private sub-acute facilities

Dr Gerald Steyn, Head of Post Graduate Studies, Department of Architecture, Technikon Pretoria

14:30 Cato Manor Community Health Centre

Rob Johnson, Principal Architect, Robert Johnson Architects and Assoc.

15:00 Bathrooms — A patient perspective

Renée du Toit, Health Facility Planner, Health Services Planning cc.

15:30 TEA

A FACILITIES

16:00 Hospital building services standards: the real challenge for Southern Africa

Mervyn Brian Aereboe, Director, Wills, Aereboe, Wardle Inc.

19:30 CONFERENCE DINNER

B EQUIPMENT

11:15 Development of gait assistant — an application of new technologies

Jaco Bierman, Clinical Engineering Student, Pretoria Technikon and Uwe Eiserrman, Research Project Leader, Siemens, Germany

11:45 Electrosurgery dispersive electrodes: recent technologies

Prof Pierre Cilliers, Professor — Dept. Electrical, Electronic and Computer Engineering, University of Pretoria

12:15 Low dose full body x-ray: A unique South African development.

Herman Potgieter, Manager: LODOX

B EQUIPMENT

14:00 Essential health technology package

Mladen Polluta, Programme Convenor: Healthcare Technology Management, University of Cape Town

14:30 Putting clinical engineering to better use — an alternative approach to cost effective maintenance

Alan Whiteford, Training Manager, Pretoria Academic Hospital

15:00 An approach to cost controlling in health facilities — elaborating reference numbers for maintenance of medical devices

Werner Trämpisch, Professor of Clinical Engineering, Fachhochschule Giessen-Friedberg, Germany and Johan van Roon, Head of Department of Clinical Engineering, Technikon Pretoria

B EQUIPMENT

16:00 Let's kick-start clinical engineering in the public sector

Andy Cunninghame, Director: Engineering and Technical Support, PAWC

16:30 Model for conducting a health technology audit in clinical engineering, through a pilot study

Nisha Madan, Senior Industrial Technician, Pretoria Academic Hospital, and Rui dos Santos, Tyco Health

DAY THREE Friday 5 October

08:00 REGISTRATION

A FACILITIES

- 08:30 Maintenance Management in the Public Sector**
Johann McDuling, Managing Director, Bekezela Maintenance Technology
- 09:00 Project Management this century — a mind shift from committees and task teams to project management**
Cesar Alexandre, Chief Engineer, Directorate Engineering and Technical Support PAWC
- 09:30 Utility management in Hospitals — is it worth the effort?**
Anton Potgieter, Technical Manager, Venn Diagnostics

10:00 TEA

PLENARY

- 10:30 Environment and Health Infrastructure: Environmental management as a catalyst towards sustainable development**
Neil Oliver, Project Manager: CSIR Green Buildings for Africa
- 11:00 SETA: Skills development legislation — what its about and how it can work for you**
Trevor Joseph, Executive Officer: Human Resources, HASA

B EQUIPMENT

- 08:30 WORKSHOP**
Strategic Planning for clinical engineering departments
Dr Binseng Wang, National Quality Director, Mediq-PRN Life Support Services, USA

- 11:30 A totally integrated health facility for South Africa**
*Graeme Allen, IT Director, AME International
Frank Jannecke and Barry White, Siemens Medical*
- 12:00 Conference review and wrap-up**
Closure — SAFHE/CEASA
- 13:00 LUNCH**

ORGANISING COMMITTEE

Chairman

Robin O'Reilly

Organisers

Riaan Van Der Watt
Martie Roos
Brigid Boltman
John Ruiters
Johan Van Roon
Ken Wardle
Nico Den Oudsten

SAFHE



The South African Federation of Hospital Engineering is a non-profit organisation constituted as a national body in 1975, to encourage professionals, technologists, and technicians to co-operate in the dissemination and development of information regarding the design, engineering, maintenance, and management of healthcare facilities.

CEASA



The Clinical Engineering Association of South Africa consists of clinical engineers, technicians, technologists and other practitioners involved in healthcare technology. CEASA's aim is the promotion and development of all aspects of clinical engineering and healthcare technology, including design, construction, usage and the maintenance of equipment, machinery and apparatus used in hospitals, clinics and healthcare delivery facilities, clinical laboratories and similar institutions. CEASA's current focus is the development of a registration framework within the Engineering Council of South Africa (ECSA) to enable practitioners to register professionally in accordance with the Engineering Act.

EXHIBITION

An exhibition of products and services is being held in conjunction with the Conference.

As exhibition space is limited it is essential to book early to avoid disappointment as this exhibition has always been sold out!

For information regarding exhibition spaces, posters, display and advertising opportunities, please contact:

Louise Hullock at SBS Conferences

Tel (021) 914 2888

Fax (021) 914 2890

e-Mail louise@sbs.co.za

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