A New Model For eHealth
Capacity Development In Africa

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“Build The Capacity To Build Capacity”

Through Co-operation
The Problem

“Africa has 24% of the burden but only 3% of health workers commanding less than 1% of world health expenditure.”

WHO World Health Report 2006
The Problem

IS THERE A DOCTOR ANYWHERE?!!
The Problem

30 African countries have fewer than 10 Doctors per 100,000 people

Not enough Doctors to train Doctors
Sub-Saharan Africa

Underproduction and Maldistribution

Rural patients, urban specialists

Countries and medical schools with no specialists in some fields

Build the Capacity to Build Capacity
No prior scans available for comparison.
In my experience such an appearance warrants urgent surgical intervention.
Darkest Africa
ICT Use?

sub-Saharan Africa

Fixed Phone Line 1.2 %
Internet Access ~4.5 %
Broadband <1 %
Cell Phone ~32 %

ITU Information Statistical Profiles 2009
Capacity Development
Capacity Development

- Data gatherers
- Support staff
- Health workers
- Analysts
- Implementers
- Developers
- Strategists
- Policy
eHealth Capacity

Health Informaticians

World shortage

AMIA – 10,000 by 2010 programme

Telemedicine

Few services in the developing world, limited training available
eHealth Capacity

How many Universities in the developing world offer qualifications in Medical Informatics or Telemedicine?

Education vs Training vs Awareness
eHealth Capacity

Limited academic capacity and expertise in these fields in Africa - AAPHIA

Partnerships with developed world Universities?
Capacity Development – UKZ-N Model

Fogarty International Training Grants

Medical Informatics since 1998

Developers and Researchers

Phase 1: US model

Phase 2: The SA model

Phase 3: The New African Model
Phase 1 – USA Model

Students and staff to the States

Workshops

Students to Durban

Developed coursework masters
Phase 3 – African Model

Keep students at home!

Use distributed learning

Grow your own students

Grow a new cadre of academics

Nuture potential centres of excellence
Phase 3 – African Model

Keep students at home!
Teaching from Durban
Synchronous and asynchronous
Uganda, Zimbabwe and Mozambique
Build Capacity
Health Education Network in Africa
“Build The Capacity To Build Capacity”

Through Co-operation
Phase 2 – SA Model

Develop Local Capacity
Masters in Medical Informatics
Postgraduate Diploma in MI
MPH with specialisation in MI

Students from Africa to Durban
Problem - Unsustainable?