Healthcare for All

Role of ICT in Transforming Health

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A DAY AT APOLLO HOSPITALS

- Over 2200 Admissions
- Over 30,000 footfalls
- 3000 Emergency Cases
- 600 Major Surgeries
- 30 -35 Cardiac Surgeries
- 350 Dialysis
- Over 50,000 Laboratory Tests
Expectations

Predict
Diagnose
Treat
Monitor
Inform

Photo courtesy: GE Imagination
Integrated Health Delivery Network

Integration of
- Main Hospitals
- Satellite Centers
- Clinics
- Telemedicine Centers
- TPAs
- Pharmacies
- Plus more...need based

Main Hospital
Satellite Center
Clinics

Datacenter

- eHIS
- EMR
- Oracle Financials
- Pharmacy

- Apollo eDoc
- Health Highway
- Apollo Life

Satellite Centers Connectivity

Colombo
Dhaka
Apollo Hospitals PACS Cloud

Any Centre required advanced Imaging Consultations they can upload images to Cloud PACS.

Access the image on any hand held devices.
Tele Cardiology Consultation

- Web Access of Images for Cardiologist
- Cardiologist can interpret the Angio
- Medical Camp vehicle for Cardiology Screening can upload ECHO and ECG to PACS Server
- Cardiologist can access Cathlab videos and Echo on Mobile devices
Healthcare Delivered
Mobile Telemedicine Units - provide quality healthcare at their door step for the people in remote and rural habitations
Aragonda Snap Shot

Heart on opposite side

Echo cardiogram

ECG

Image transmission / Teleconsultation Thro’ VSAT satellite

Chennai Tertiary Hospital

Aragonda Modern Rural Hospital

Communication Link ISRO
Rural Connect - Solving The Healthcare Jigsaw

- Urban-Rural Divide
- Lack of Last Mile Access
- Lack of Organized Delivery
- Standards
- Quality of Care
- High Cost/Affordability
- Awareness
- Patient Safety
- Silos
- Lack of Skilled Workforce

"Equitable, Sustainable, Quality Healthcare for over One Billion People"

Technology-driven Healthcare Transformation
Rural Connect - Primary Health

MMUs

Rural Connect - Primary Health

Common Service Center

NOFN etc

PPP Models

Tele Advice

Telemedicine

MMUs

Healthcare Education

Apollo Hospitals

More than 100 Centers operational
Virtual Visitor – I See You !!!

Accessibility of care – anywhere - anytime

2-Way – audio and video with robotic assisted clinical services
The Power of Integration

- Clinical Transactions
- Continuity of Care across settings
- Online analysis
- Ability to predict and prevent
  - Apollo Clinical Excellence ACE@25
Continuous Medical Education (CME)

2-Way – audio and video with robotic assisted clinical services
Simulation Lab-
Monitoring / Mentoring

Distant Monitoring by experienced faculty
Call to Action

• Privacy Laws

• Legality around data at the cloud

• Adoption of EMR standards for interoperability
Thank You