


# HEALTH IN THE DIGITAL SOCIETY DIGITAL SOCIETY FOR HEALTH

16-18 OCTOBER 2017  
TALLINN, ESTONIA

e health : an Indian Perspective

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## INDIA

- Crossing 130 million and second most populous country in the world
- One of the fastest growing economies in the world
- 7th largest country in the world
- Old Delhi Area / Chandni Chowk has a population of 1,447,230
- Old Delhi Area has a size of 10 Sq Km ( Population Density ?)
- Average Population age is 29
- 2000 Ethnic Groups
- Every Major religion and Language Family has presence



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## LET'S CATEGORISE THE PROBLEM

### Accessibility

- .9 Beds/1000 population
- Doctor : Patient 1 : 1700
- Nurse : patient 1 : 40
- Crowded tertiary centres

### Awareness

- Literacy rate 72%
- Overworked health force
- Ill Defined 1st contact point
- Public Reach out programme

### Affordability

- 20 Million cross BPL line
- One of the biggest contributor of poverty
- High OOP upto 67 %

### Quality

- THE 4.0% GDP
- GHE is 1.4 % GDP
- High OOP = Poor Standards
- Non Standardised Financing

## POSITIVES

### ADVANTAGE INDIA

- CAGR 17%
- 4.71 Mn Directly employed
- Expected in top 3 H'care Markets
- 1 Mn Medical Tourist Visited India
- Med tourism CAGR 27% to reach \$ 8Bn
- Hub of Clinical Research
- 100 % FDI in Healthcare
- Best standards of medical education
- Private Sector has 74% market share

### POLICY INITIATIVES

- mHealth Emphasis
- NeHA
- NHP 2017 : Health Card
- UHC Coverage
- Increasing GHE to 4% of GDP by 2020
- Financing : Centre and State
- adoption of e-procurement models
- Sector Skill Council
- Innovation : Procurement from startups

## REDEFINING E-HEALTH - COMPREHENSIVE APPROACH

### CLINICAL OUTCOMES

- Early Diagnosis
- Expert Opinions
- Patient Monitoring
- Better Compliance
- Data Driven : High Quality
- Research Tool
- Awareness and Response

### GOVERNANCE OUTCOMES

- Unified Approach
- Monitoring of Schemes
- Beneficiary Tracking
- Procurement Decision
- Performance check
- Human Resource Management



## CASE STUDIES - BEYOND TELEMEDICINE PLATFORMS

### Government's e-Initiative

- [data.gov.in](https://data.gov.in) : health resource page
- Mother and Child Tracking System
- Demand Driven e-procurement
- Central Health Resource Database byTN
- mDiabetes in view of rising Numbers
- Health Deck by Andhra Pradesh state
- AIIMS OPD Transition
- RMNCH-A

### Innovations

- Fundus on the phone
- TruHb
- Onco pathology Slide analysis by Digibridge
- Intelligent prognosis by Cloud N Care
- World's Smallest Ventilator
- Remote ICU Management

## WAY FORWARD : COLLABORATIONS AND OPPORTUNITIES

- Technology Transfer
- India as a hub of regional healthcare
- AADHAR : Tool for Unique Patient Identification and Scheme Disbursal
- Data Analysis and Predictive Value




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