



We the “ Living beings” on our Good Earth

want to thrive

live a disease free life

&

feel free & empowered

My firm belief



Recall the face of the poorest and the weakest man whom you may have seen, and ask yourself, if the step you contemplate is going to be of any use to him. Will he gain anything by it? Will it restore him to a control over his own life and destiny?.....

- M.K. Gandhi

Some facts (1 billion +)

- Grass root rural area – 70% population reside with 1:1700 > dr: patient ratio (700 million)
- 30% urban pop - 30% in slums (100 million)
- Purchasing capacity to Buy quality modern health services very limited (800 million)

Innovate Medical device for mass health care

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What we do ?

- Provide medical and surgical services
- Brain-storm and Innovate
- Develop integrated intervention model
- Make an effort to reach the unreached

How ?

We assess their need and resources

In terms of providing basic quality health care as near to the beneficiaries as possible (@ door steps @ home

Where ?

- At grass root level – village centre/@ home
- Rural/Tribal /urban hospital - Modestly equipped with a scope for developing technology wings (Ngo, Govt, others)

Supported by

- Teaching & Research & funding Institutions (Govt, Ngo, others)



Priority area

Women's Health & Reproduction

Alarming

An average South Asian woman faces a hundred times greater risk of dying during childbirth (1 in 43) than a woman in an industrialized country (1 in 4000) affecting the newborns/infants and families





2 key issues

Feto-Maternal & neonatal monitoring

**Early diagnosis & prevention of
Cancer of reproductive organs & Breast**

Dual Purpose intelligent Technology

Diagnostics & Therapeutics

*Imaging (diagnostics) – morphological & functional – @
gross & cell/tissue level*

+

Minimally invasive or non invasive intervention tools

**Energy source - Sound-Light fusion &
Bio- impedance**

Area..S of interest in Technology

- Cellular and molecular level changes
- Modeling and simulation
- Image and signal processing
- Pattern recognition and fuzzy logic



&

- *Image acquisition and image compression*
- *Device Designing & Instrumentation (MEMS wireless based preferably)*
- *Scaling technology*

Our key concerns

- Safe health care & safe biomedical technology
- Correct use of technology & correct interpretation of data
- Satisfies the need as well as unmet need of the community i.e., essential(EHT) for a particular cohort group

Our challenge

Strengthen our rural medical device cum technology centre (Imaging and e/m-health) & outreach services @ grass root level to improve diagnosis, treatment and rehabilitation with a focus on prevention

Sun rise

***Thank
you***

