

Innovative Digital Technology Application Service Delivery Network for Hepatitis Prevention and Care

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DESCRIPTION

Hep-Free: The New Age Network
The WHO goals can be achieved by:

- ❖ Accelerating innovation not just in medicines and diagnostics but also in the delivery platform
- ❖ Providing uniform & affordable access to treatment
- ❖ Intervening at multiple points in healthcare value chain

Hepatitis-Focused Cloud Based Data Analytics Driven i-Care platform

- ❖ Diagnostic, treatment and chronic care management of patients shall be availed using "iCare" platform
- ❖ The technology running independent-interconnected applications would process patients' data, perform predictive analysis leading to quick decision making
- ❖ Trained healthcare workers visit patients at doorsteps, collect blood samples, and enter all the data in the mobile tab in multilingual Disease Management Application
- ❖ A "Diagnostics-at-Hand" device record and track disease markers, risk profiles and map the treatment to individual patients
- ❖ The results of various tests analyzed to check any abnormalities or health improvement
- ❖ The patients access their data through self-service voice-based tools or applications embedded in their mobiles

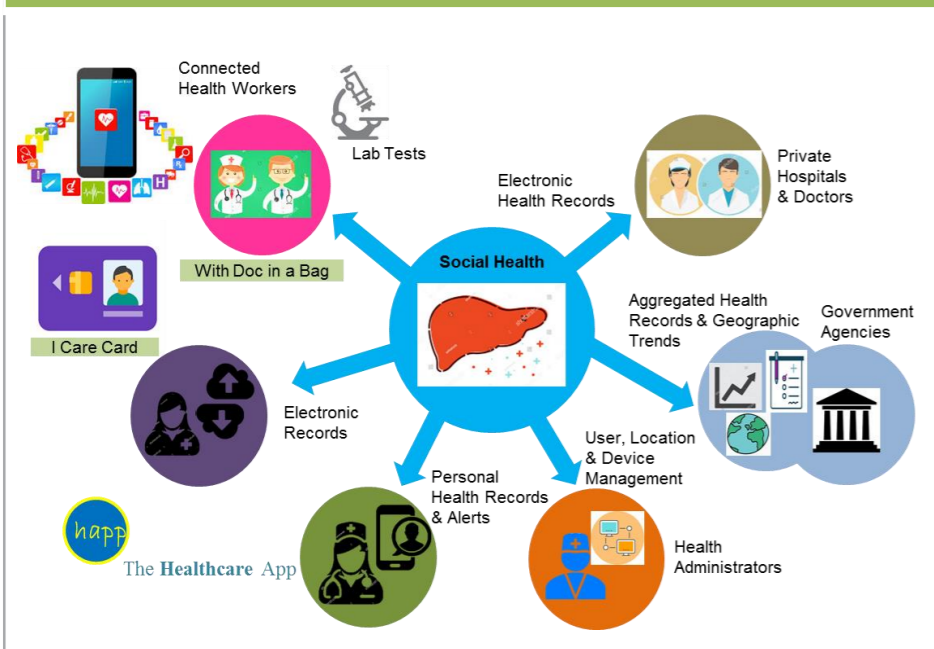
PUBLIC HEALTH IMPACT

- ❖ With focused approach, a country shall not only eliminate Hepatitis but also improve its GDP
- ❖ For example, if India can prevent the 100,000 annual deaths due to HepC, then there will be the annual contribution of INR144 billion to GDP considering a below poverty line person works for 30 years of life at a wage of just 160 rupees per day
- ❖ The health expenditure to provide medicine for HepC to treat infected people in India is INR 900 billion, considering 15 million patient and out-of-pocket INR60,000 cost of medicines per person
- ❖ Any new infection prevented shall reduce the burden of health expenditure on Government

WHY IS THIS INNOVATIVE?

- ❖ This service delivery model and product shall leave no patient untreated, no symptom untracked, no medicine pilferage and no demography ignored and that too without overlooking patient's age and gender
- ❖ The whole system shall work on real-time feedback and report in tool optimizing the services from diagnostics to treatment of patients and from development to distribution of medicines
- ❖ Most importantly, the model removes barriers of under-diagnosis, non-standardized treatment, and poor prescription compliance, resulting in WHO goal achievements with the creation of a strong and empowered community of caregivers
- ❖ Social healthcare workers shall be organizing awareness campaigns also to prevent new infection cases in society.

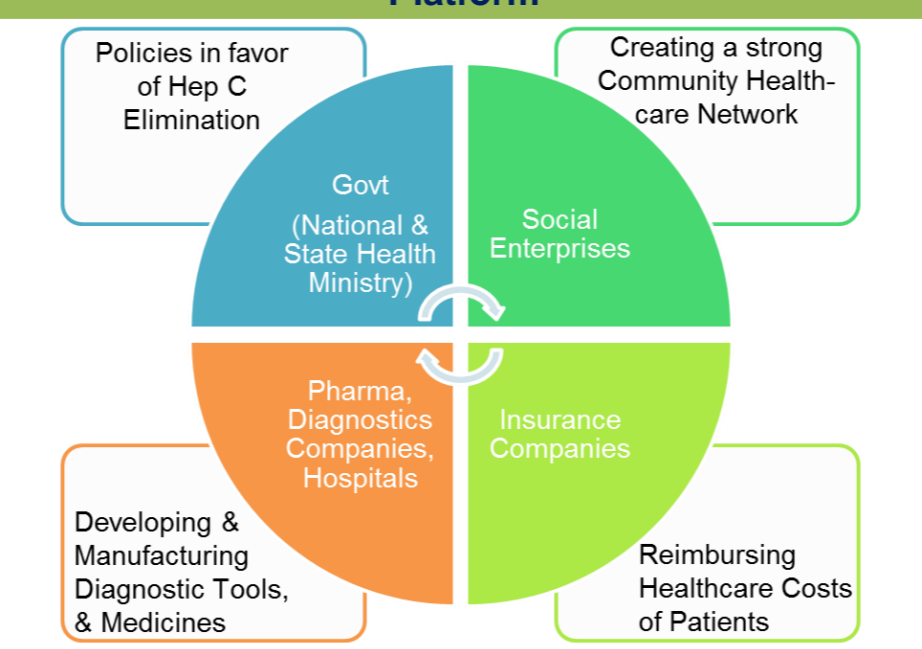
Cloud Based Data Analytics Driven Healthcare Platform For Hepatitis Prevention And Cure



Seamless Integration With Mobile-based Applications supporting in:



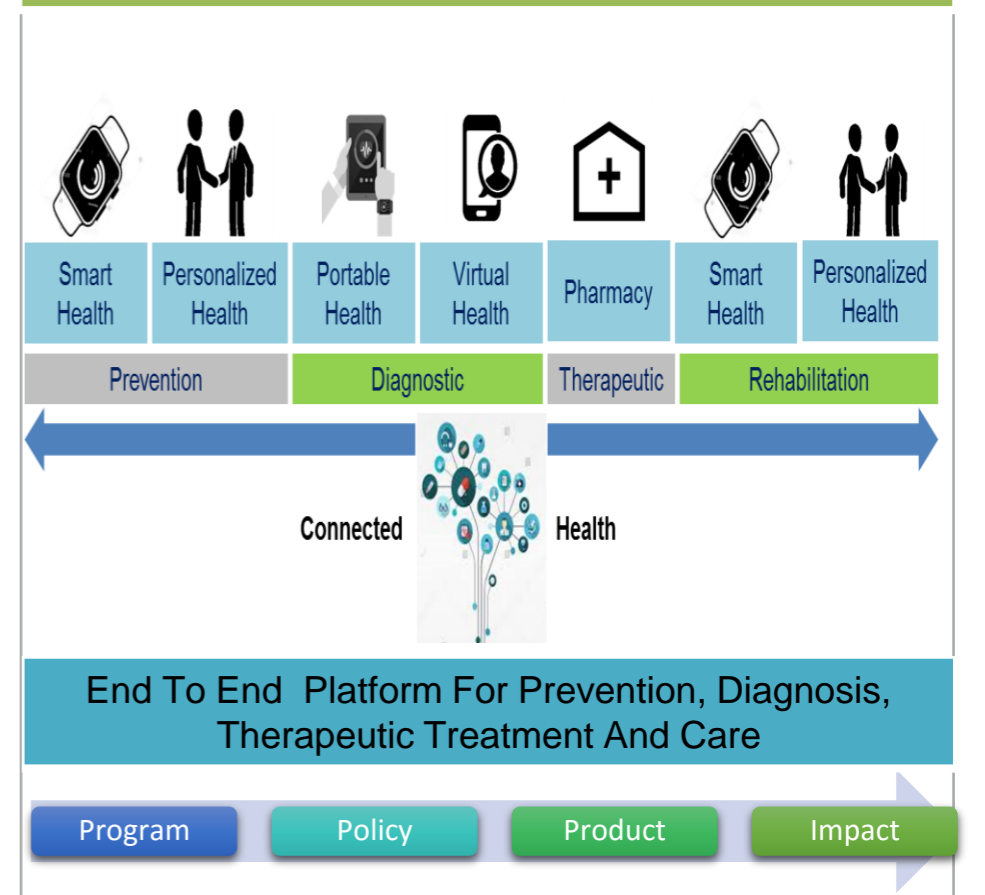
Collaboration Based Approach For Key Stakeholders Through Unified, Smart Healthcare Platform



Healthcare Card (Linked With Social Security Number) assisting in:



Strategic inclusion of Program, Policy, Product To Create An Impact



CONCLUSIONS

Idea in nutshell:

- ❖ Cloud based Data Analytics Driven Healthcare Platform for Hepatitis Prevention and Cure providing equitable, and economic access to all
- ❖ Create a sustainable and scalable PPP-based model
- ❖ Involve government, social enterprises, insurance companies, and pharma companies through strategic collaboration
- ❖ Make National Health Policy inclusive of Hepatitis care as a standard guide across all the states of the country
- ❖ Utilize policy framework for digital, mass scale and seamless insurance cover

REFERENCES

References:

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CONFLICTS OF INTEREST

Not Applicable

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