

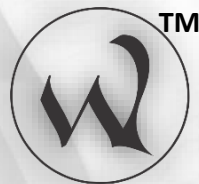


Remote PHC & Diagnostics Center



**Expansion model for
Corporate hospitals and Healthcare Providers**

Powered by

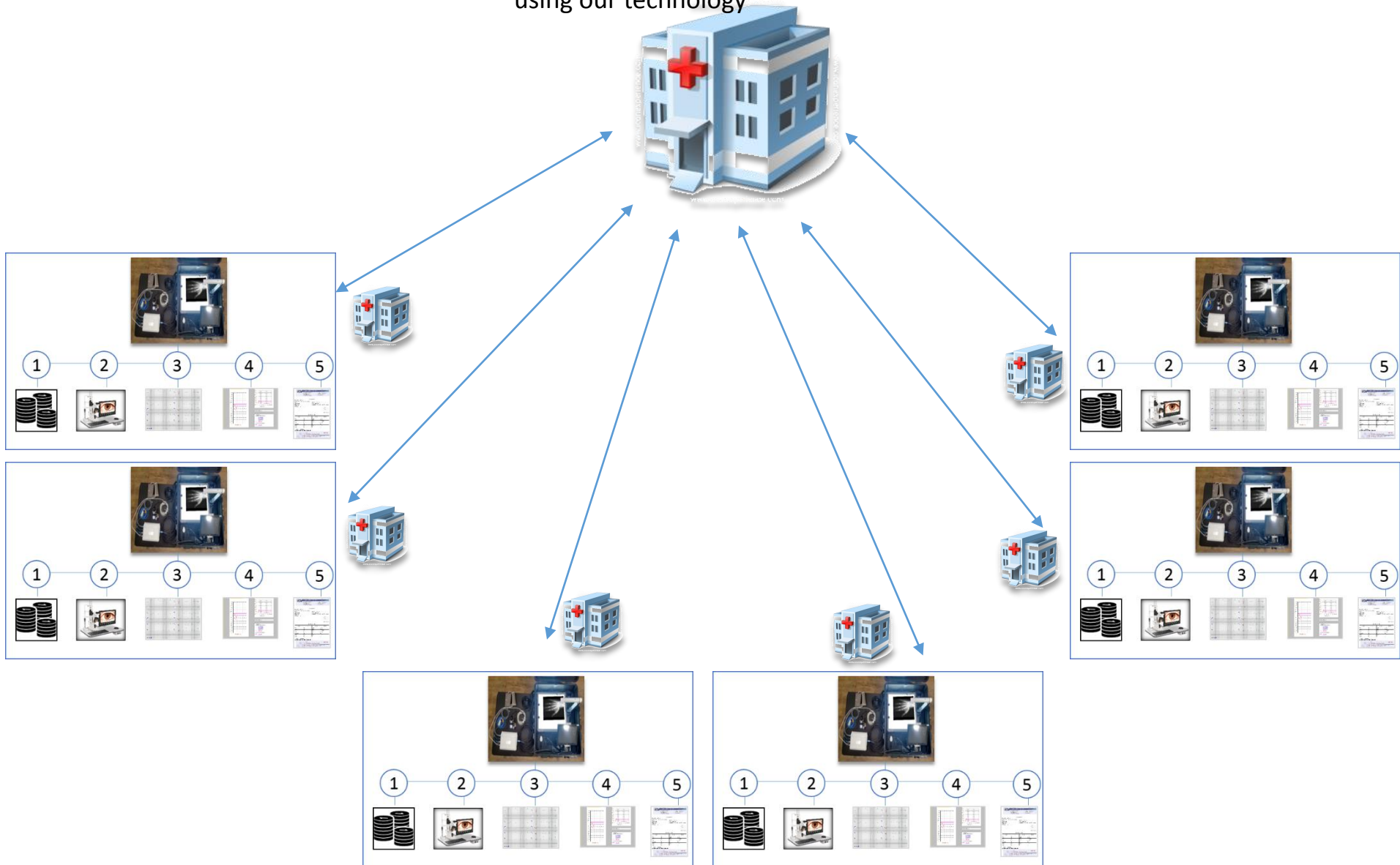


Live OPD

WatchWitz Technologies Pvt. Ltd

Expansion Model

Your Hospital with Multiple Remote Primary HealthCare & Diagnostics Center using our technology

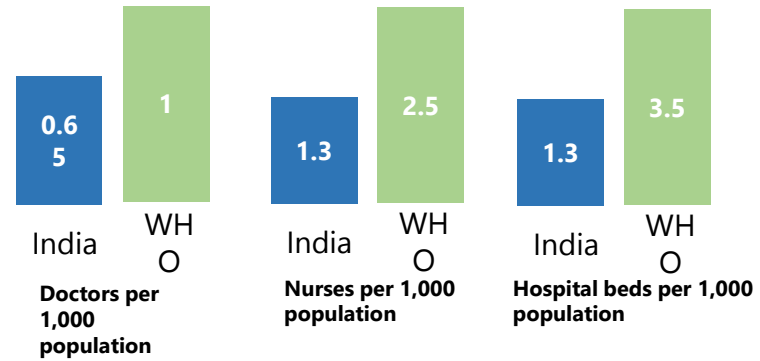


Problem Statements : Healthcare

1



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Hospitals in India



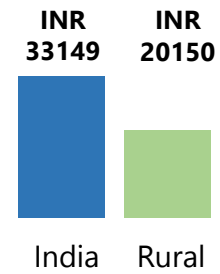
India does not meet minimum WHO recommendations for healthcare workforce and infrastructure

2

Even though the majority of India's population lives in rural areas, they have access to only 33% of Indian doctors.

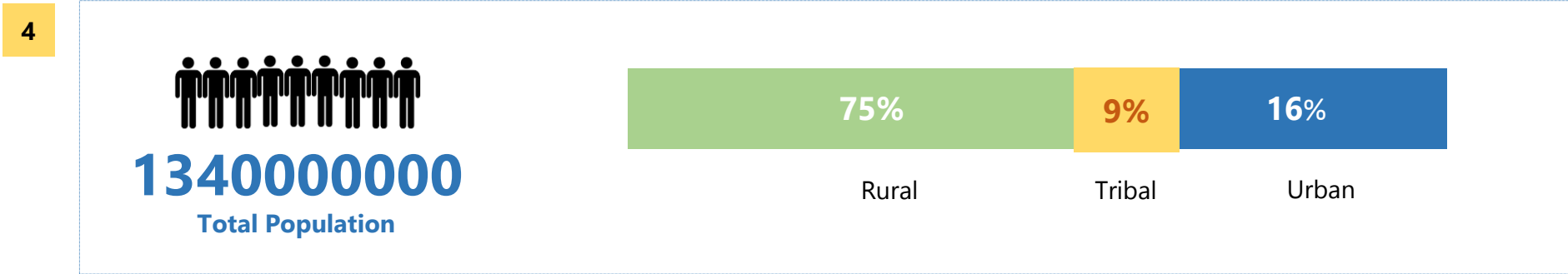
3

Average Cost of Hospitalization

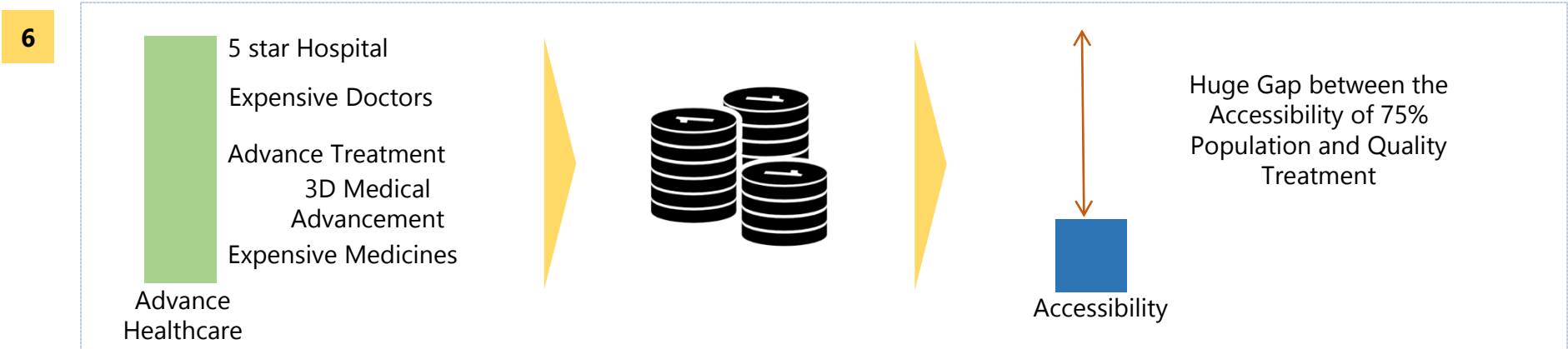


- Affordability of larger portion of low income Population against Expensive Medical Treatment
- Treatment cost at private hospitals 4 times than government ones

Potential Market for Healthcare Service Providers



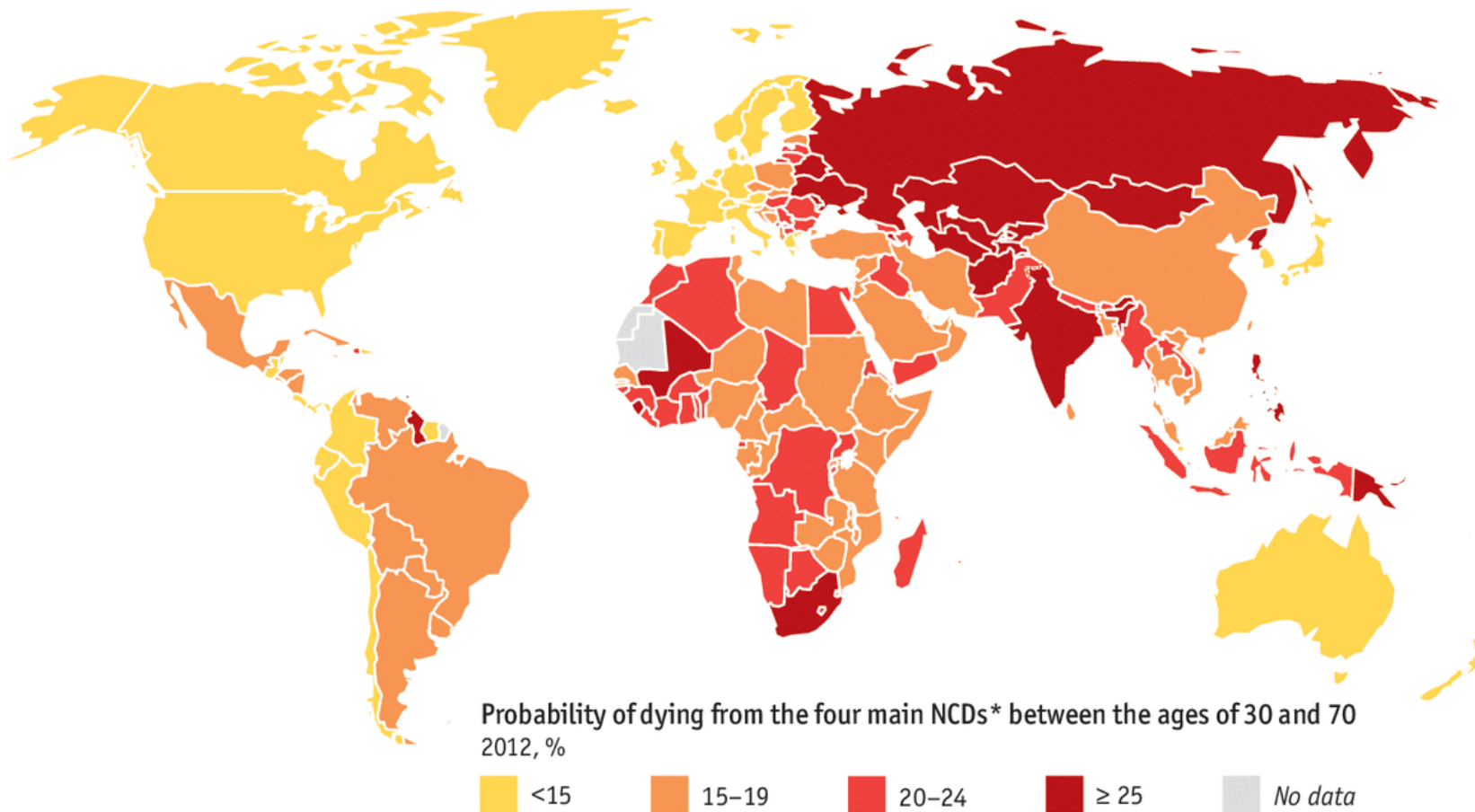
5 India's Tribal + Rural areas are still grappling with lack of basic healthcare, telecommunication infrastructure. Only 2% Doctors are ready to travel to Tribal / Naxalite infested / Deep Forest Areas due to lack of healthcare Infrastructure, Connectivity, difficult Travel to deep areas and other safety issues.



This gap between the healthcare service provider and population in remote locations carries huge potential in between demand and supply of diagnostics and health facilities.

Disease Burden Worldwide – Non Communicable Diseases

Probability of dying prematurely from non-communicable diseases



Source: WHO

*Non-communicable diseases: cardiovascular diseases, cancer, chronic respiratory diseases and diabetes

Basic Healthcare Needs of Developing Countries



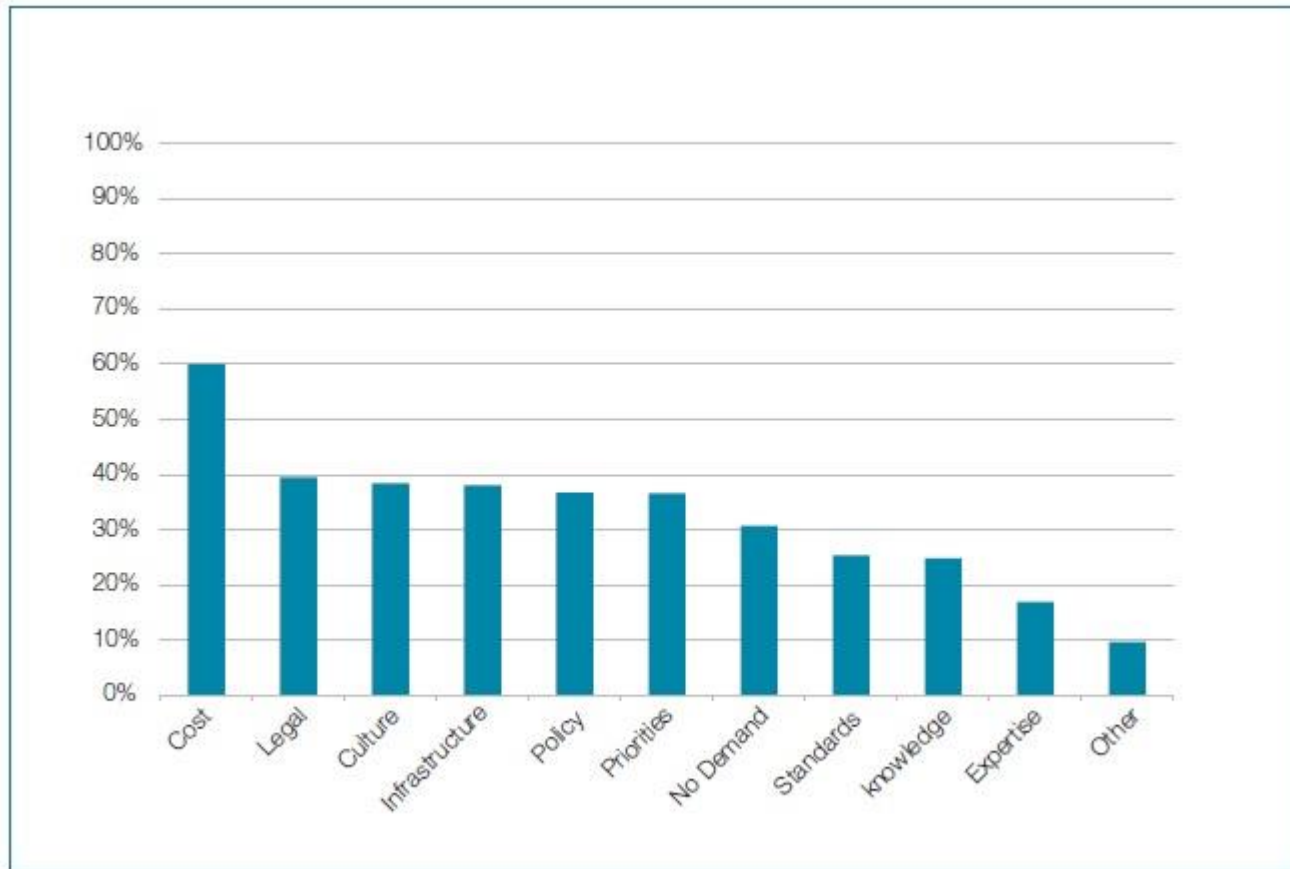
Basic healthcare facilities and diagnostics are not available in most of the developing countries including Africa and India.

Basic diagnostic facilities such as heart, lung, chest, mouth examination etc. are still not available with them in remote places.

Most of the health points or rural health clinics have non-availability of Doctors. Specialty medical treatment is far away from them.



Barriers in Telemedicine



As per reports provided by WHO, only implementing telemedicine in remote areas still have some practical barriers which includes cost, legal, culture, infrastructure, policy and priorities. So we need something more advance than just basic telemedicine to solve these issues.

LIVE OPD – The Technology

Live OPD system is mobile in nature, works on low speed internet and allows complete diagnostics and live OPD from anywhere to the main location. This will maximize the reach of healthcare and medical services to the remotest places in Indian Borders.

It is also having offline mode facility to cover remotest area where still connectivity is not available. Entire diagnostics can be done without connectivity and expert medical consultation can be then provided to maximize reach of medical and healthcare facilities.

NOT JUST TELEMEDICINE COMPLETE LIVE OPD

Live OPD is most advance system which completes entire cycle of primary basic and advance diagnostics along with implementation of healthcare process including following:

- Patient Electronic Record
- Basic Health Diagnostics
- Advance Specialty Diagnostics
- Case History
- Medical Consultation (online/offline)
- Medical Reports and E-Prescription
- Guidance for next level of treatment



Advantages of LIVE OPD

- ✓ Conduct Live OPD from anywhere to anywhere
- ✓ Mobility - Unit can travel from one place to another
- ✓ Super-specialty can be made available to the rural areas.
- ✓ Remote-Diagnosis for Patient monitoring and diagnosis
- ✓ Save Time, Energy & Resources
- ✓ Simple, User Friendly & Portable
- ✓ Compliant to telemedicine standards
- ✓ Live Consultation with 2-way audio-video, vital statistics, data and live video feed
- ✓ Advancement with Connectivity and Power Backup options



Advance Diagnostics

Live OPD connectivity is available with most of the Medical Devices few of them are below:

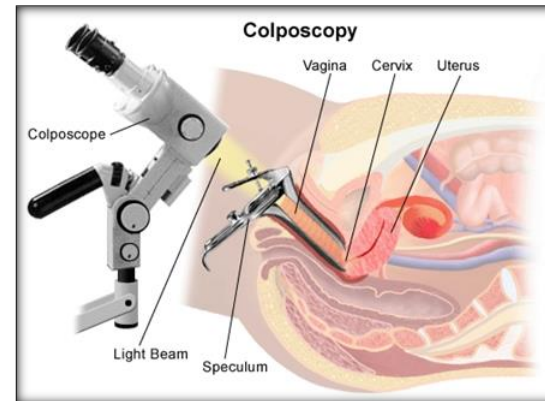
- Retinal Camera
- Spirometer
- Dermascope
- Ophthalmoscope
- Naso-Pharyngoscope
- Sinuscope
- Coloscope
- ENT Otoscope
- Colposcope
- Laparoscope
- Dental Examination
- Various Examination Cameras
- Holter monitor & *many more..*



Ophthalmology-In India ophthalmic diagnostics and care is not available in rural. With the Ophthalmoscope we can detect the ophthalmic disorders.



ENT-common amongst children & old age, Ear problem, Nose problem, Sinus Problems can be diagnosed by Otoscope

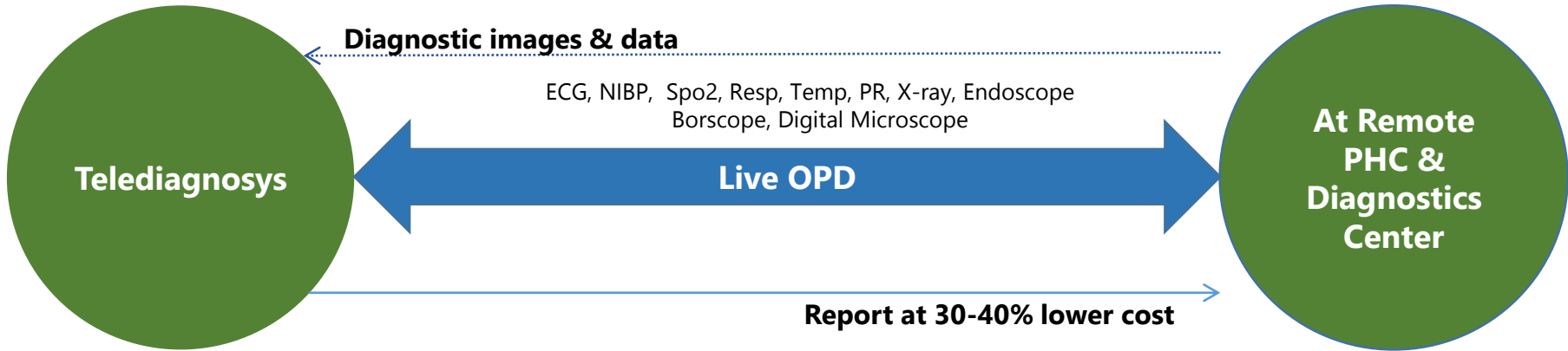


Uterine and ovarian cancer are common cancers affecting the female reproductive system.

Colposcopy is a procedure to closely examine your cervix, vagina and vulva for signs of disease.

**** PI Note: These are connectivity options, which means that OUR LIVE OPD unit is capable of transmitting all the above data images of different equipment with you already have them or would buy them.**

Work Model



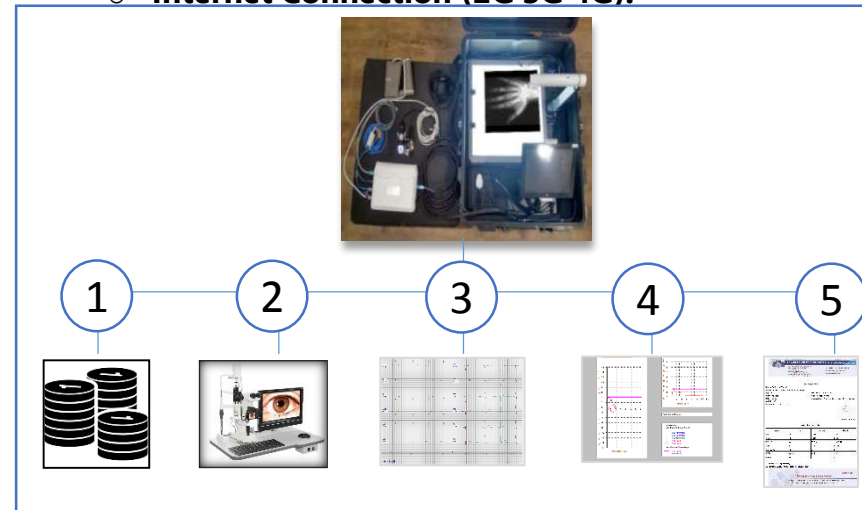
Infrastructure

- Team of Doctors & Specialists
- Mobile , Laptop, Computer with Internet Connection (3G / 4G / Broadband)
- Hospitals / Clinics / Other infrastructure

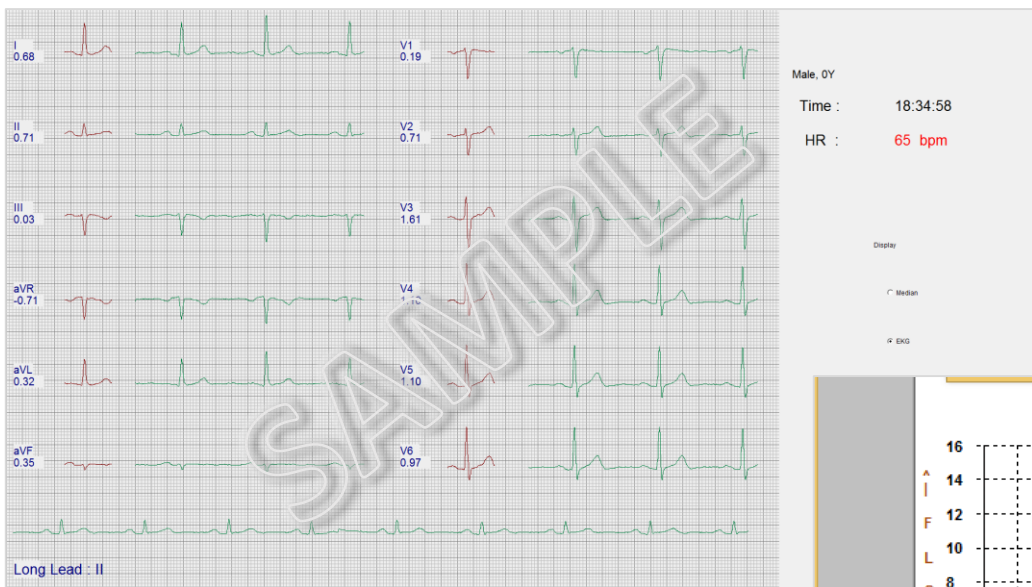


Infrastructure

- Medical Diagnostics like ECG, Spo2, Spirometry and clinical image capture capability for X-Ray, Skin, ENT
- Mobile Live OPD unit with multiple nodes.
- Internet Connection (2G 3G 4G).



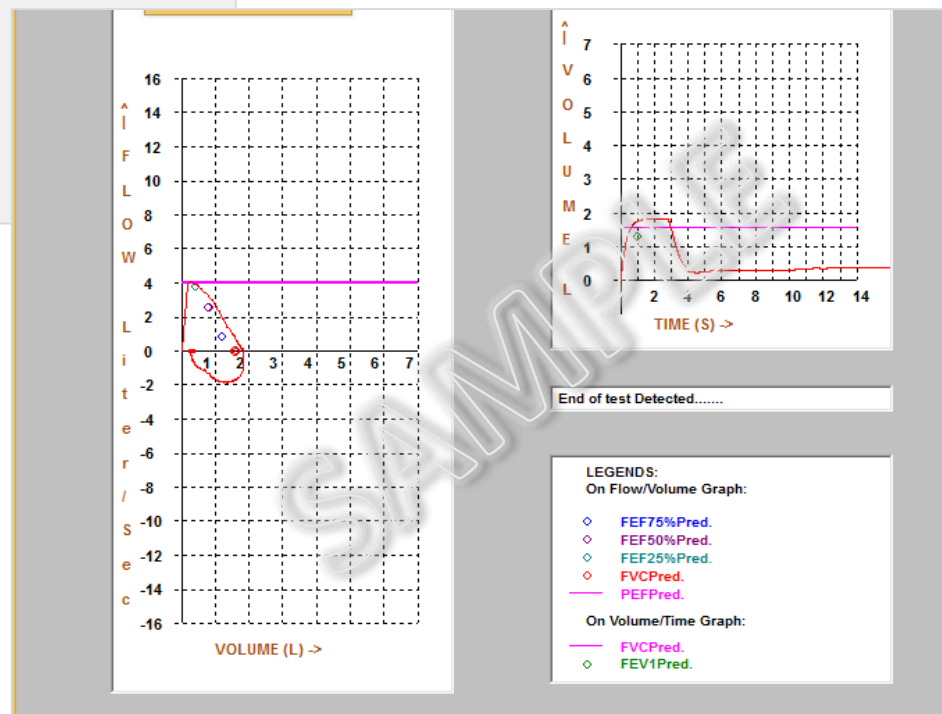
Deliverables : Diagnostics Reports



Remote PHC & Diagnostics Center can deliver and diagnostics reports instantly, which is helpful in emergencies and expert medical consultation.

Proper diagnostics can guide patient for correct opinion and also save his/her travel time when reports are normal.

Long term implications are increase in awareness and goodwill of facility provider.





Deliverables : E-Prescription



Remote PHC & Diagnostic centres powered by LIVE OPD technology which has facility of electronic prescription. Expert medical consultants can online check diagnostics data live or after some time right from their desk. This also gives them freedom to work at their convenient and patient gets similar quality medical facilities from service provider or hospital.

निकालस टॉवर्स, २ रा माला, तरुण भारत प्रेसच्या बाजूला, सेन्ट्रल बाजार रोड, रामदास पेठ, नागपूर-१०
 फोन : (०७१२) ६६१६०६५, ६६१६०७५

डॉ. सतीश सु. पोशट्टीवार
 एम.डी. (मेडिसिन), एफ.ई.ए.सी.
 हृदयरोग तज्ञ

Patient vitals

Patient's ID : 200000166
Patient Name : Kamalakar Wamanrao Garge
Age : 81
Gender : Male
City : nagpur;
Weight : 47
Addhar No : 585073619145


Satish Poshattiwar

Observation on : **12 Lead ECG**
ECG: ABNORMAL. Please consult doctor.

Report : **BP Report**

SYS, DIA, PR
 148,86,97

Report : **SPO2 Report**

SPO2: 96 / PR: 99

Temperature : 98.6 °F

वेळ : सोमवार ते शुक्रवार सकाळी १०.०० ते सायंकाळी ४.०० • शनिवार फक्त अर्धदिवस • रविवार बंद

हृदयरोग प्रतिबंधन केंद्र • स्ट्रेस मॅनेजमेंट व योग केंद्र • सायबेटीज व हार्मोनल केंद्र • स्त्रीरोग केंद्र • कोलेस्ट्रॉल केंद्र
 वेट मॅनेजमेंट केंद्र • डोपलर इको • कॉम्प्युटराईज्ड एक्सरॉर्थो डेस्ट • ई.सी.जी. • एक्सटर्नल कार्डिअर पल्सेशन
 किलेशन थेरेपी • एन्जीओग्राफी • एन्जीओप्लास्टी • शय्यापास सर्जरी

बाहेर गावातील रुग्णांनी फोनवर पुरवठाकेंद्र साधूनच तपासणीसाठी यावे.


Dr. Vinit P. Niranjane
 M.D. (D. Pulmonary Medicine)
 M.A.C.C.P. (USA)
 Reg. No. 2003802919
 Member - European Respiratory Society
 American College of Chest Physician
Consultant Pulmonologist
 दमा, एअरबी, टी.बी. एवं छाती रोग तज्ञ

EX: RESPIRATORY CRITICAL CARE
 REGIS. YEAR, K.J.S.M. HOSPITAL, MUMBAI
 CONSULTANT PULMONOLOGIST AT :
 + ANCHARD MULTISPECIALITY HOSPITAL
 + ANANT INSTITUTE OF CARDIOLOGY
 + MAURE MEMORIAL HOSPITAL
 + KRIMS HOSPITAL

Patient vitals

Patient's ID : 200000166
Patient Name : Kamalakar Wamanrao Garge
Age : 81
Gender : Male
City : nagpur;
Weight : 47
Addhar No : 585073619145

Test Result : Abnormal
Advice Test : Cx chest
Observation : Needs detailed respiratory evaluation


Dr.Vinit P. Niranjane

Report : **Spirometry Test**

Name	Prea	Actual	%Pred
FVC	2.078	0.363	17.47
FEV1	1.13	0.311	20.33
FEV1 %	0.692	85.714	12386.42
PEF	0	5.045	Infinity
FEF 25-75	1.81	0	0
FEF25	4.603	1.81	39.32
FEF75	0.521	0	0

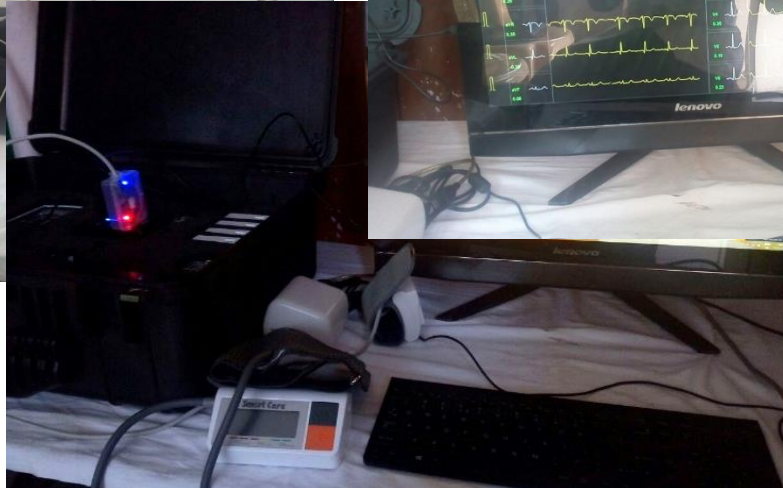
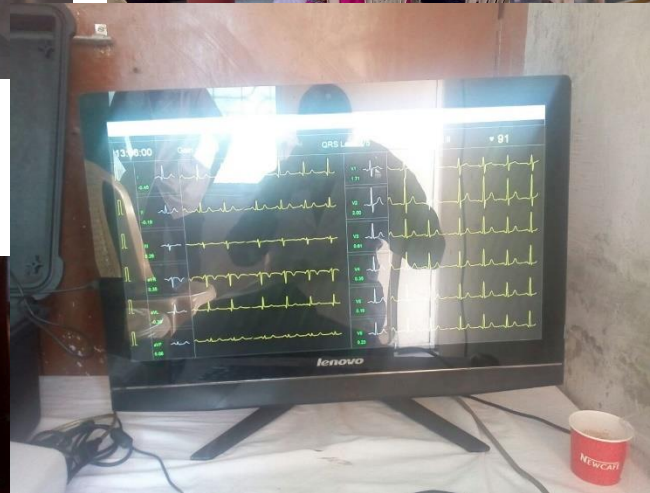
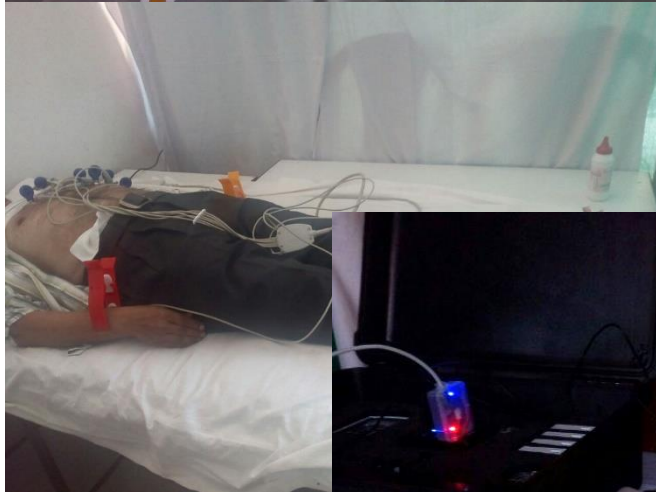
Observation on : **Spirometry**
Spirometry: ABNORMAL. Please consult doctor.

Sunday Closed

" Because your lungs deserve the best "

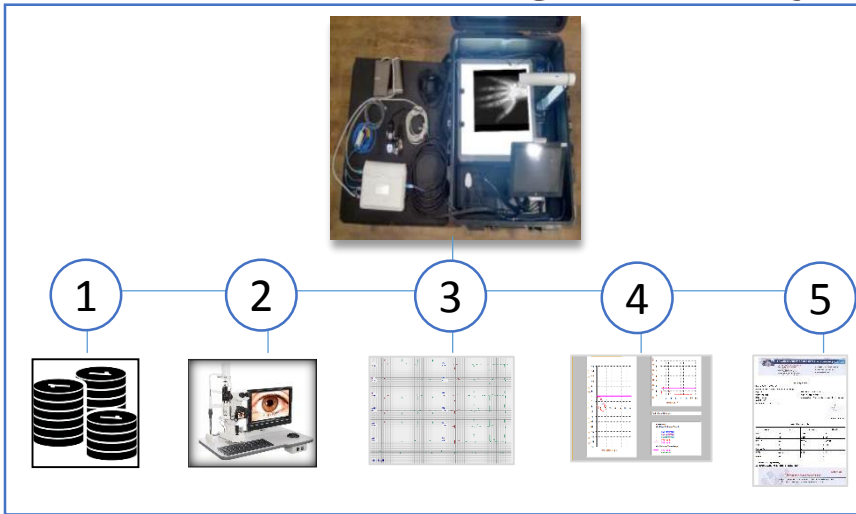
MIDAS HEIGHTS', GROUND FLOOR, CENTRAL BAZAAR ROAD, RAMDASPETH, NAGPUR
 ☎ 9579227431 Mob.: 777 58 77 039 • Time : 10.00 a.m. to 7.00 p.m.

Remote Diagnostics in Action



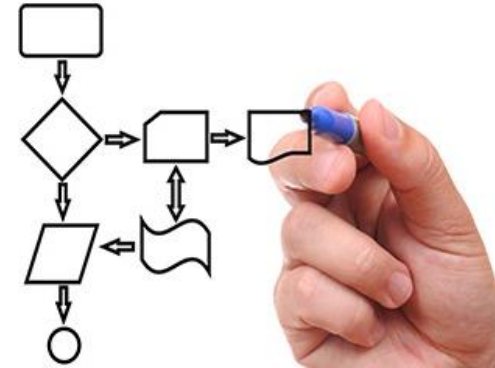
Remote PHC & Diagnostic centre working in multiple nodes. More number of patients can be handled using this mode where hospitals can expand their facilities and maximize utilization of resources

Customization & integration as your requirements



Remote PHC & Diagnostic centres are implemented as customized solution where entire process right from Patient Registration to diagnostics can be defined by you.

You can have multiple terminals and nodes for patient check-up using various examination methods and medical devices.



You can also add additional facilities such as blood test, basic pharmacy and ambulance or transportation service to Remote PHC & Diagnostic centres.



These optional add-ons will help you create state of the art infrastructure and facilities for your hospital.

Rural and tribal residents will get health benefits at their doorsteps.



Customization & integration as your requirements

Remote PHC & Diagnostic centres can be linked with your existing E.H.R.

We provide API to access existing patient data as a link to your current E.H.R.



For any queries or details please feel free to contact us..

liveopd@watchwitz.com

Thank you

WatchWitz Technologies Pvt. Ltd

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Ph: 07104-232371 , 0712-6640999 Visit us: www.watchwitz.com Email: support@watchwitz.com