Remote VIRTUAL CONSULTATION PLATFORM
For the Rural

ARTEC – Remote Consultation and Medical Information System

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Our Mission Statement

To enable first primary care and medical education in rural areas.
Rural Population - World Status

3.4 billion people live in rural environments with minimal or no Healthcare infrastructure

Source: Un World urbanization prospects 2009.
RURAL HEALTH STATUS - The Challenge

- Public health systems fail to deliver basic health services
- Lack of infrastructures
- Shortage of qualified medical personnel
- Wide target area with limited accessibility
- Unskilled manpower
- Can we deliver health at all?

Source: WHO Global Atlas of the Health Workforce
August 2010
Healthcare Everywhere

Yes, we can !!!
The platform supports a wide range of solutions, from basic needs in Rural areas to more complex demands in the US.

eHealth platform “Progress Note” - US vs. Rural

US - Imagine MD

Remote Virtual Consultation
Virtual Consultation Platform

Healthcare Everywhere

www.ewavemd.com
The ARTEC™ Solution
The ARTEC™ Solution

Subjective Information
The ARTEC™ Solution
The ARTEC™ Solution

Request Measurements
The ARTEC™ Solution

Perform Measurements
The ARTEC™ Solution

Provide Diagnosis & Treatment
The ARTEC™ Solution

- **Scalability:** both in the number of concurrent sessions, the number of stations and the devices on each station
- **Sustainability:** the more the system is used (data is collected) the greater the value for both patient and country
Wide Range of Medical Devices

Medical Measurements

- 12 Lead ECG
- NIBP (Non Invasive Blood Pressure)
- Blood Oxygen Saturation (SpO2)
- Body Temperature
- Breathing Rate
- Blood Glucose meter
- Precision weight scale
- Fetal Doppler
- Electronic Stethoscope
- Pathology Microscope

- ENT/Skin Camera
- Spirometer
- Others* (Flexible platform)
Skill-set Pyramid

Central Hospital

District Hospital

Central Clinic

Health Extension

Specialists

MRI, etc.

Doctors

Ultrasound, etc.

Medical Nurses

Eye Exams, Fetal Doppler, Pathology, Radiology, etc.

Health Workers

Stethoscope, Weight, NIBP, Temperature, Respiratory, SpO2, Glucometer, ECG, ENT, etc.

Medical Knowledge
Maintaining the Skill-set Knowhow

- Linked with Intel skool™ medical education tool
- Medical education workflow for
  - Medical staff
  - Patients
- Content availability online and offline
- Supports various content types
  - Video / Audio
  - HTML
  - Flash (Interactive)
  - PDF
## The Benefits

<table>
<thead>
<tr>
<th>COUNTRY</th>
<th>PATIENT</th>
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<tbody>
<tr>
<td>• Strengthen rural services</td>
<td>• Immediate access to medical consultation</td>
</tr>
<tr>
<td>• Controlled and centralized data source</td>
<td>• Affordable medical services</td>
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<tr>
<td>• Nationwide statistics</td>
<td>• Immediate response</td>
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<tr>
<td>• Detects trends</td>
<td>• Time and money saving</td>
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<tr>
<td>• Detects disease outbreaks</td>
<td>• Access to remote education tools</td>
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<td>• Basic infrastructure for a national EHR</td>
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<td>• Support MDGs 4,5,6 by the end of the year</td>
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<td>• Ability to provide remote education to both medical staff and patients</td>
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Orissa - India
For a live demonstration
Come visit us

Thank you!