

REPORT

Launching of the First e-Clinic in Pakistan



Powered By

Taaleem Foundation Health Initiatives

In Association with

NexSource Pakistan (Pvt) Limited and MediBank Trust



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Abstract:

Electronic Medical Report is one of the features of e-clinic that allows one to manage medical history of each patient into a single medical record and also provides a complete procedures and administrative tasks associated with a patient visit.

E-Clinic is the most comprehensive web based clinic management software designed for clinic-based physicians.

It is a simple to use practice management software for doctors. E-Clinic includes lot of shortcuts to make entry of patient history, symptoms, diagnosis, prescription etc. easy for doctors. E-Clinic can also generate statistical charts and reports based on the patient data.



Introduction:



Taaleem Foundation Health Initiatives (TFHI) stepped into public health sector in the recent past. Though Taaleem Foundation is operational since 1989 yet the focus primarily remained on education. Being highly successful in the education sector in Pakistan, Taaleem Foundation decided to diversify its services and initiate primary healthcare projects for the vulnerable communities. First project in the sector that TFHI has picked up is the establishment of CHBC (Community & Home Based Care Center) at Quetta during 2014. The CHBC is successfully providing many services to the people who are living with HIV (PLHIV). The services include the followings:



1. Testing services for vulnerable communities
2. Referral services for PLHIVs to ART Center, BMC, Quetta
3. Referral services for PLHIVs to TB control Program
4. Nutrition packages for PLHIVs in every Quarter
5. School fees given to the children of the PLHIVs
6. School uniforms for the children of PLHIVs
7. Vocational training packages for PLHIVs
8. Tools for PLHIVs who successfully complete the training

First e-Clinic in Pakistan:

'Taaleem Foundation Health Initiative' has introduced the first ever e-clinic in Pakistan at its CHBC site in Quetta on 20th April 2015.

The e-Clinic is customized CMS software designed from the real workflows of clinic-based physicians that offers a full suite for Clinic Management activities. It is a fully featured web-based solution that helps the physicians to effectively manage their clinical practices resulting in faster patient turnaround time and healthier operations. The e-Clinic developed by 'NexSource' is equipped with the most comprehensive 'Clinic Decision Support System' designed to address all the functional aspects of Clinic Management.



The e-Clinic works on deploying an innovative set of e-Health tools, conceived and developed by NexSource – the Pakistani technology house at Karachi that consists of electronic gadgets linked up with a laptop through normal USB port and integrated with specially designed software that generates high quality EMR (Electronic Medical Record). Over 22,000 commonly used terms in Medical practice are compiled together, which include most of the symptoms and diseases, which can be inserted in patient record by typing first few letters.

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Mr Nazir Ahmad Vaid, Chairman of NexSource, being

the chief architect of the system trained the CHBC human resource on the use and efficacy of the system, added that the software, which has inbuilt 'Business Intelligence' equipped with the 'Clinical Decision Support System' that helps doctors ascertain the differential diagnosis with least physical intervention at their end and also get a feel of possible prescription if needed.





The e-Clinic is a low-cost, quick fix, high impact solution for serving the communities with little physical infrastructure. These are generally the rural areas where medical professionals avoid going. Hence, the solution provides for basic facilities of a trained paramedic, with hands-on experience of using this software and hardware. The gadgetry also requires an operational laptop, Internet connectivity and reliable solar power solution with adequate power backup. The e-Clinic is connected to a doctors' hub at distant location through video collaborative network for instant consultation of the client / patient at the remote end. The current e-Clinic is linked up with the doctors' hub at 'Rural Tele-Medicine Centre' operated by the 'Kawish Welfare Trust' at 'Gulab Devi Hospital' at Lahore.

Supplement of MediBank:



The e-Clinic is not complete without supplementary and complementary support by MediBank – an indigenous charity organization of Pakistan – raised and nurtured by a few passionate Civil Servants. The organization provided free medicines to the poor who are unable to afford primary medicines for their primary healthcare. The organization, with a capital investment of Rs. 1.2 billions, has set up a depository of medicines that caters for such needs across Pakistan. The e-Clinic Quetta has been the first ever outlet of MediBank in Balochistan.

MEDI BANK TRUST
www.medibank.pk

**Why
What
Where
When
How**

Origin
HADITH
"Who Saves One Life, Saves Whole Humanity"

Vision
"Liberating disease from the clutches of misery by providing free quality medicines to the disadvantage"

Dream To Reality
CONCEPTUALIZED BY Mr. Javaid Nisar Syed
DONATED by Helicon Pharma 40 Drugs
AUTHENTICATED BY 150 Prof, 12 Med Assoc, 15 Med Colleges, 11000 Docs
Deliverence by free Med Clinics, Tele Med Centers & Partnering

Operationalizing
Unique Social Service
1.2 Billion worth 40 drugs donation
500 clinics to setup
50 Tele Med centers within a Year
Health charities get drugs at absolute cost
5000 clinics within five years
4 Billion worth Of drugs annually

The Launching Ceremony:



For this occasion, the CHBC arranged an introductory session with the stakeholders, including those from the community, media and health sector. Mir Rehmat Saleh Baloch – the provincial Health Minister - was invited as chief guest, accompanied by Mr Noor-ul Haq Baloch – the provincial Secretary Health and the staff of Provincial AIDS Control

Program, Balochistan. Dr Daud Qazi (Dr Q) the Director operations of Taaleem foundation and Dr Farah Naz – the senior consultant of TFHI also attended the ceremony.



Dr Zafar Iqbal Qadir – the Chairman Taaleem Foundation and TFHI briefed the Minister about the project and its potential dividends to the communities. He informed that the project is an outcome of high quality research on a range of hardware and software solutions, conceived and developed by Pakistani professionals, woven into integrated package of delivering as a single unit. He also introduced the concept, philosophy and operational viability of MediBank, which would form an integral part of all e-Clinics in Pakistan. He added that TFHI was committed to deploy e-Clinic facility at all TF Grammar Schools in Balochistan for serving the masses at large.

The chief guest Minister Rehmat Saleh Baloch, upon inauguration, showed his keen interest in the whole package and praised the initiative. He was impressed by the research and development work undertaken by NexSource and was thankful to TFHI in deploying this facility in Balochistan. The Minister spoke high of this initiative and recognized the meritorious services of Taaleem Foundation and TFHI both in serving the rural masses in the most beneficial manner. He appreciated TF and TFHI in setting new trends and standards of service delivery both in education and public health sectors. The Minister was full of complements for TFHI for having selected Balochistan for the deployment of this e-Clinic facility.



