Tech4Life- Gaining strength through global partnerships

Tech4Life believes in strengthening health systems around the world through partnerships with global, regional and national organizations. These organizations range from governments and health organizations providing direct health services to the communities, to corporations who have the networks to distribute innovative solutions in various countries.

These partnerships have allowed Tech4Life to contribute in North America, Eastern and Western Africa, Middle East and South Asia. We are thankful to our partners for bringing us close to our target of reaching 10,000 health workers by end of 2018.

Tech4Life and Divson Pharmaceuticals sign partnership in Zambia

Zambia is located in Southern Africa, containing a population of over 16 million people. Zambia is one of the fastest growing economies in the past decade, and has the potential to continue growing at a reasonable pace. The government has launched its 7th National Development Plan, 2017–2021, which emphasizes on addressing poverty and vulnerability, reducing developmental inequalities, and enhancing human development.

Tech4Life has partnered with Divson Pharmaceuticals in Zambia for distributing its digital stethoscopes (eSteth) and making an impact on health of the population. Divson Pharmaceuticals is one of the leading healthcare companies in Zambia for the supply of quality medical products in the pharmaceutical and healthcare sectors with a strong belief in its inherent strengths that have contributed to its steady growth in the pharmaceutical industry. The company has successfully penetrated the Zambian market in a short period of time. Divson's commitment to excellence has been recognized by the Medicines Regulatory Authority of Zambia (ZAMRA), the Ministry of Health and several international NGOs.
MDConsults - Leading Access to Care through Telemedicine

When it comes to Telemedicine platforms, MDConsults has been marking its name among the fastest growing platforms where patients in remote areas get connected with health specialists based in the urban areas in order to get complete diagnosis and health provision without having the need to travel miles and miles towards the healthcare centres. The users also enjoy the liberty of their electronic protected health information (ePHI) being extremely safe and secure as the software claims to be HIPAA Compliant.

This software brings along some key features with it which include:

- Store & forward communication among the patients and health providers including follow-ups against cases.
- Live video consultations while using highly specialized telemedicine diagnostic devices.
- Image management along with DICOM compatible viewers
- Mobile Applications to ensure easy access

For making it extremely feasible and affordable for users, MDConsults offers 4 types of licenses to its users extending from Basic licenses to Enterprise level licenses which they may opt for based on their needs.

MDConsults gives an exceedingly powerful, customizable and adaptable platform for Telemedicine and remote medicinal healthcare services. It is a user friendly and easy to use telemedicine software that gives simple web and mobile based access to live and store-and-forward telemedicine, making it highly useful for patient to health provider and provider to provider consultations. This web-based solution is easily accessible at www.mdconsults.org, while mobile based app can be downloaded from Play Store. Due to huge demand of this app in the word of technology, MDConsults' iOS app is currently in testing phase and will hit the market very soon.
Promoting Preventive Care at early age- Using Telemedicine in School Health

eHealth, with use of internet and handheld devices has opened new avenues for making health care assessable for population living in remote communities. Many of these technologies are currently being used in developing countries all around the globe.

Realizing the importance and usefulness of initiating eHealth program for remote communities of Pakistan, an innovative school eHealth project been initiated at the a Campus Government Girls Lower Secondary School, Deh Chuhar, adopted by Rural Educational Promotion and Development Society (REPDS) with the support of Aga Khan Development Network (AKDN). The proposed school eHealth project is the one which offers a linkage between local school health nurse and specialists at the remote next level health facility in terms of the following services:

1. Tele-consultation for children attending Deh Chuhar School for diagnosis, treatment and referral services.

2. eLearning services for parents in form of online health education sessions, where expert nurses and physicians conduct a series of online awareness sessions once a month for parent at the school.

For this initiative, a ‘Hub and spoke model’ in the form of a complete Telemedicine solution, MDConsults, is used where Deh Chuhar School, Gaddap Town, Karachi Pakistan has been taken as spoke and is connected with the Paediatric Department of Aga Khan University Hospital (AKUH) which is next level of care, serving as the hub for providing Tele-Consulation Services (TCS) for children and eLearning health awareness sessions for parents. Tech4Life Enterprises as technology partners for these initiatives has been contributing with zeal and enthusiasm in order to promote the acceptance of Telehealth all over Pakistan; by providing health care access to children attending Deh Chuhar School and offering the learning session to parents of these children.

The eHealth project looks forward to reducing the financial and geographical limitation of the community for the access to required health services, and referral centres and lack of awareness among parents about children health problem.
Changing lives of Millions: Tech4Life continues its research on Non-Invasive Glucometer

Diabetes is one of the largest threats to health of the population in both developed and developing world. The progress of this disease and its complications can be minimized through regular testing and preventive measures. Unfortunately, the compliance with testing is compromised due to the discomfort of pricks and cost of strips and lancets required for testing. Non-invasive glucose monitoring refers to the measurement of blood glucose levels (required by people with diabetes to prevent both acute and chronic complications from the disease) without drawing blood, puncturing the skin, or causing pain and excessive cost burden.

Tech4Life Enterprises have designed a non-invasive glucometer, which measures glucose levels using near infrared and other supporting sensors through the nail probe. First of its kind non-invasive glucometer will be extremely useful for patients with diabetes, borderline hyperglycemia or pre-diabetic conditions for ensuring regular monitoring. The device fits on the finger of the patient and provides accurate glucose levels within 30 seconds. Tech4Life Enterprises will bring this revolutionary product to the market upon completion of the trials.

Tech4Life Enterprises participated in the World Family Doctors Day

May 19th was declared as “World Family Doctors’ Day”. Being a member of the World Organization of National Colleges, Academies and Academic Associations of General Practitioners/Family Physicians (WONCA), the College of Family Physician Pakistan celebrated this day with a seminar conducted at the PMA office. A series of lectures on various subjects were conducted in the event for Family Physicians and General Practitioners.

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Tech4life Enterprises participated in the event and showcased its state of the art digital stethoscope – eSteth Lite, which is recently launched in Pakistan. The leading senior doctors visited the booth and experienced with live demonstration of eSteth conducted by Tech4Life team. Tech4Life team also presented the web & mobile based solution – MDConsults to proof the concept of live video consultation for telemedicine.

The participants showed their interest in these telemedicine products and appreciated the efforts taken by Tech4Life Enterprises to improve the access of healthcare services in Pakistan by using information communication technology.

Tech4Life goes through the process of ISO 13485-2016

Committed to the highest level of quality in our products and services, Tech4Life Enterprises recently went through the organizational audits for ISO 13485-2016. The audits were conducted by LRQA, which is a UK-based notified body for Quality Assurance.

A rigorous quality review was conducted at the Tech4Life office in Canada. The review was completed successfully, and we hope to receive the certifications soon.