

NEWSLETTER OCTOBER 2023

Message from CEO

Tech4Life to lead Global efforts for preventing and monitoring Anemia through Digital Health Technologies.



WHO estimates that 40% of children 6–59 months of age, 37% of pregnant women, and 30% of women 15–49 years of age worldwide are anemic. Statistics show that every second pregnant woman dies because of anemia related causes in developing countries, and it is in those same developing areas that 40% of preschool children are anemic. Tech4Life has designed a non-invasive hemoglobin monitor to achieve greatest impact on women's and children's health by reducing morbidity and mortality due to anemia. It can also be used for mass screening and regular monitoring of anemia in the general population. This non-invasive device uses spectrophotometry technique to detect hemoglobin in blood stream, using the index finger for the source and receiver placement to predict the hemoglobin value. Double blinded clinical trials conducted for these devices show 92% accuracy (difference of less than 20%), with extremely high sensitivity and specificity.

-By Dr. Shariq Khoja, CEO – Tech4Life Enterprises

SmartHb - Global Impact & Technological Supremacy



SmartHb, an innovative non-invasive hemoglobin monitor by Tech4Life Enterprises, a highly-awaited product not only due to its unique features but also due to its revolutionary impact on the health of women and children.

Addressing the formidable challenge being posed by anemia, the provision of iron supplements only presents a limited solution. Therefore to eradicate and effectively control anemia and its effects a point-of-care device is a necessity as opposed to being a luxury product. It is highly important to regular monitor hemoglobin levels and empower community-based health providers through a non-invasive hemoglobin measuring device i.e. SmartHb.

Not only the device targets a profound global impact, its unique technological aspects distinguishes the device from any competition. A smart wireless, non-invasive, prick-free, rechargeable and effectively portable product with a unique sliding design and wide display to ensure a state-of-the-art product both technologically and aesthetically.

SmartHb by Tech4Life, a groundbreaking initiative characterized by its simplicity, user-friendliness, and cost-effectiveness. This pioneering solution aspires to fulfill a grander purpose – the advancement of humanity by ensuring the timely and accurate detection of hemoglobin levels in the population. Through SmartHb, Tech4Life aspires to have a global impact in paving the way toward a healthier, anemia-free world.

(Prototype picture is attached above)

- By Rubab Fatima Naqvi, Lead SmartHb - Tech4Life Enterprises

Tech4Life Regulatory Approvals Update: Upcoming ISO Surveillance Audit



An ISO surveillance audit has been scheduled at Tech4Life Canada office to assess the compliance of the management system of Tech4Life Enterprises Canada Inc. against ISO 13485:2016. This 1.5 day onsite assessment is being conducted as surveillance visit against applicable requirements of ISO 13485:2016. The main objective of this audit is to determine that Tech4Life's system continues to meet the assessment criteria & certification scope, any applicable statutory, regulatory & contractual requirements and to ensure that the system is meeting its specified objectives.

This audit is being conducted by LRQA, one of the leading independent provider of accredited certification services across a broad spectrum of standards and schemes as well as customised assurance programmes. The assessor will use the LRQA Business Assurance methodology to help us manage our systems and risks to improve and protect the current and future performance of Tech4Life.

Recently, Tech4Life has also completed a CE audit successfully. Based on the assessment outcome, the assessment team had recommended the ISO 13485:2016 continued certification of Tech4Life Enterprises Canada Inc. for the agreed scope. The final report suggested that the overall the QMS continues to be implemented effectively to ensure compliance with the appropriate standards and regulations; performance of risk assessment was also found to be effective. QMS effectiveness was evidenced by comparing actual performance against target performance metrics.

Tech4Life Enterprises Canada Inc. has also adopted the general HIPAA Compliance Policy to recognize the requirement to comply with the Health Insurance Portability and Accountability Act (HIPAA), as amended by the Health Information Technology for Economic and Clinical Health (HITECH) Act of 2009 and the HIPAA Omnibus Final Rule.

- By Ehsan Khan, Quality & Regulatory Officer, Tech4Life Enterprises.

Tech4Life Enterprises working towards large-scale implementation in Saudi Arabia



Tech4Life Enterprises recently supplied Sojro Ambulance Telemedicine Kits to a major Telecom Company in Saudi Arabia for field testing of the technology. The Telecom Company will conduct rigorous testing to ensure that the kit meets the necessary standards and requirements.

One key aspect of this collaboration involves exploring the deployment of patient data and medical records on the local server of the Saudi Telecom Company. This entails examining the secure storage and transmission of sensitive medical information to ensure patient privacy and data protection. Due to strict local laws and regulations, patient privacy has to be ensured by means of data storage solely on local hosting servers in the Kingdom.

By engaging in this testing process, the Telecom Company aims to assess and determine the kit's suitability for integration into their existing telemedicine infrastructure, ultimately improving the quality and accessibility of healthcare services.

- By Ahsan Abbas, Head of Global Sales, Tech4Life Enterprises.

MEDICA 2023 with Tech4Life and the Canadian German Chamber of Commerce

We are exhibiting at


**Where healthcare is going**  
 DÜSSELDORF, GERMANY  
**13-16 November 2023**  
 Member of  MEDICAlliance

 Hall 16  
 Booth D40

Be sure to visit our booth for full demos of our telemedicine solutions and explore our technologies

www.medica.de  
www.tech4lifeenterprises.com

Tech4Life Enterprises, Ontario's beacon of digital healthcare innovation, is joining hands with the Canadian German Chamber of Industry and Commerce Inc. for a co-exhibition at MEDICA 2023, the world-renowned medical trade fair taking place on November 13-16 in Dusseldorf, Germany. As one of the largest platforms for medical technology, MEDICA offers an outlook of the latest breakthroughs in healthcare and digital health. Tech4Life, known for its exceptional telemedicine solutions, is showcasing its state-of-the-art Telehealth solutions. The collaboration with the Canadian German Chamber emphasizes the influence of international synergy. Together, we are set to put Tech4Life's innovative solutions and capabilities on the global map.

- By: Ruhab Ilyas, Marketing and Sales Officer, Tech4Life Enterprises

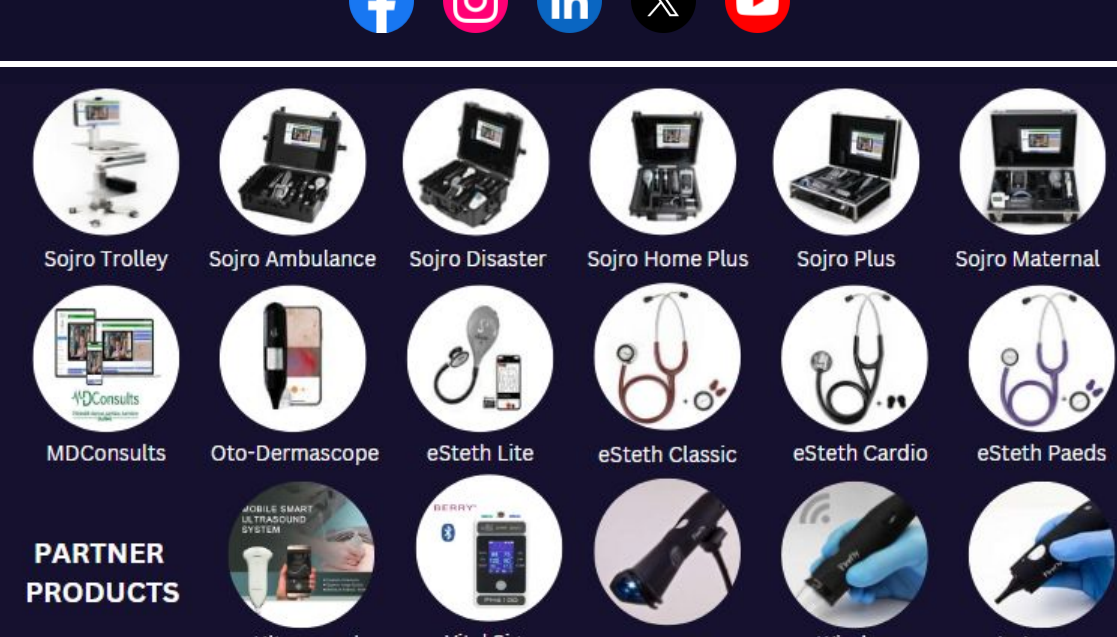
Star of Tech4Life - Ariba Jamal



Ariba Jamal is a Biomedical Engineer, associated with the field of Quality and Regulatory Affairs for quite a while. She been a part of Tech4Life Enterprises since 2015 because she strongly resonates with the mission of the organization. Her contributions towards Tech4Life include the approval and successful yearly renewal of quality certificates like ISO 13485, Health Canada and CE Certifications.

Ariba resides in Canada and is leading her duties as a Quality & Regulatory Officer where she overhauls all internal and external audits like ISO, CE, MDR, Health Canada and FDA. She also excels in strengthening global relationships. Tech4Life Enterprises appreciates and acknowledges her contributions and recognizes her as the 'Star of the month'.

-By Ariba Jamal, Quality & Regulatory Officer, Tech4Life Enterprises.



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