

## Editorial Note

## ***3<sup>rd</sup> International Conference on Healthcare Informatics and Wellness May 11-12, 2020 Webinar***

We had a huge success with the completion of **3<sup>rd</sup> International Conference on Healthcare Informatics and Wellness** on May 11-12, 2020. The significance of the meeting was achieved due to the accumulation of all the related group of spectators of research scientists to share their Knowledge, Research work, Technologies, and furthermore trade of worldwide Information towards the correct crowd at ideal time. Webinar has received a generous response from all over the world. This has been organized with the aim of endorsing the development of new perceptions and ideas for investigating the high level of knowledge reached by scientific community in the field of Healthcare Management.

The conference was organized around the theme “***A Step towards better Healthcare Systems for control of Covid-19***”. The congress entrenched a firm relation of future strategies in the field of Healthcare and Healthcare Informatics.

We would like to thank all the participants and following Speakers:

- Andriy Hospodarsky, Ternopil Medical University, Ukraine
- Andriy Tsvyakh, Ternopil Medical University, Ukraine
- Ismaeel Almakrami, Health Management and Informatics Consultant Najran Health Affair, Najran, Saudi Arabia
- Amandeep Kaur, research scholar at Panjab university, India
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We would like to thank each participant of Healthcare IT 2020 webinar to make this a huge success. And special thanks to media partners for the promotion of our event.

The **Conference Series** Healthcare Conferences aim to bring together the prominent Researchers, academic scientists, and research scholars to exchange and share their experiences on all aspects of Healthcare. It is conjointly a knowledge domain platform for researchers, practitioners and educators to gift and discuss the foremost recent advances, trends, and issues in addition as sensible challenges and solutions adopted in the fields of Healthcare.

## INFORMATION SECURITY AND PRIVACY FRAMEWORK IN ELECTRONIC HEALTH CARE SYSTEM

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### Abstract

Recently studies have shown that cyber security incidences are on the rise. Electronic Healthcare systems (EHCS) is now a focus in most of Kenyan level five healthcare facilities for enhancing efficiency and effectiveness in handling patients' information which is personal and confidential and must be guarded. The EHCS runs crucial patient's information used for improving healthcare service delivery when capturing admissions, history taking, diagnosis, treatment, and disease prevention. EHCS is perceived to suffer serious blows from human/machine conflict, posing security and privacy challenges with devastating impact on patients' medical information and this put many lives at greater clinical risks. With ever growing critical and timely healthcare needs and demands for treatment procedures, additional related industries come into play in the name of health care services sub-contractors. With this phenomenon there has emerged increased concerns and numerous complains touching on Security and Privacy of patients' information at the main healthcare facilities and more so at the allied sub-contractors. The speculated concerns are querying the rampant inappropriate disseminations of patients' critical information and the manner in which this information flow back and forth between main facilities and related industries. This study will assess current Security and Privacy frameworks for protection of electronic health information, evaluate the EHCS at the main health care facilities and at the sub contraction levels, carry out evaluation of safety frameworks and develop appropriate security frameworks that would guarantee security and privacy for patients' information. This study will adopt a descriptive cross-sectional study that seeks to identify security challenges to patients' electronic medical information



### Biography:

Fredrick Ochieng' Omogah is currently enrolled in the Master of Science in Information Technology Security and Audit in the Department of Computer Science and Software Engineering in the School of Informatics & Innovative Systems (SIIS) at Jaramogi Oginga Odinga University of Science and Technology (JOUST). He is currently Information Systems (I.S)/I.T, Science & Technology Manager & Lecturer - Medical Informatics and Information Technology and H.O.D Information Systems (I.S), Science & Technology – Uzima University College a Constituent College of The Catholic University of Eastern Africa (CUEA), Kenya.

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<https://healthcareinformatics.insightconferences.com/abstract/2020/information-security-and-privacy-framework-in-electronic-health-care-system>

