Informatics in the Times of Change

Sabine Koch, President of IMIA
Karolinska Institutet, Stockholm, Sweden

To me, biomedical and health informatics (BMHI) has always been an exciting field to work in, where I met excellent colleagues who are driven by the desire to improve health for all. BMHI is evolving rapidly, and new technological developments provide us with improved tools for better clinical problem solving and elicitation of new knowledge. New challenges arise all the time, whereof some challenges are solved by informatics, and some challenges (aka interoperability) seem to stay forever. Around the world, healthcare and health policy decision makers’ consciousness about informatics as a key enabler for the future of healthcare and healthcare research increases steadily. Nevertheless, I never experienced such an enormous pull for informatics solutions in the healthcare field as it has been this year, since the coronavirus disease 2019 (COVID-19) pandemic.

Suddenly, digitalization is key. In response to the COVID-19 pandemic, the use of telehealth solutions accelerates around the world, primary care and hospitals switch to digital forms of patient encounters whenever possible, and many countries provide self-tracking apps for their citizens. Around the world, countries are confronted with the need for high-quality data and methods to link, integrate, and analyze them for informed decision and policy making. The discussions around the world regarding the ethical handling of new knowledge. New challenges arise all the time, whereof some challenges are solved by informatics, and some challenges (aka interoperability) seem to stay forever. Around the world, healthcare and health policy decision makers’ consciousness about informatics as a key enabler for the future of healthcare research increases steadily. Nevertheless, I never experienced such an enormous pull for informatics solutions in the healthcare field as it has been this year, since the coronavirus disease 2019 (COVID-19) pandemic.

Highly relevant in the context of COVID-19 is also the book “Fundamentals of Telemedicine and Telehealth” [4], recently published by the IMIA Telemedicine Working Group. The publication provides an overview on the use of ICTs to solve health problems, especially for people living in remote and underserved areas. Several other IMIA initiatives, in relation to the goals of the IMIA 2017 Strategic Plan [5], are ongoing under the leadership of the different IMIA Vice Presidents and IMIA Liaison Officers [6]. Examples include the revision of the IMIA Recommendations on Education and its relation to the IMIA Accreditation Program, collaboration activities with the World Health Organization, collaboration between the IMIA Working Groups and Special Interest Groups, the development of new membership models, and the planning of MEDINFO 2021.

I am grateful for such a great team of very engaged colleagues, that I have the pleasure to work with, and I would like to take the opportunity to cordially thank Brigitte Sérourssi, who guided the work with the IMIA Yearbook as VP Services since 2016, as she will leave this position in November 2020. The Yearbook, that you read on your screens, could not have been timelier in these times of change where the use of informatics increases and ethical norms to secure the privacy rights of the individual play an ever more important role.

References

2. IMIA Nursing Informatics Special Interest Group https://imia-medinfo.org/wp/sig-ni-nursing-informatics/ [last accessed on July 1st, 2020]