Abstract

Introduction
We are now on the eve of the fourth industrial revolution (4.0) and modern medicine including thermal medicine fully benefits of the scientific and technological progress. Are we prepared to apply all achievements? Are we able to teach our students new methods?

The aim of this paper work is to open a discussion on the huge impact of fourth industrial revolution in balneology in order to create a real thermae 4.0

Materials and methods

Articles and notes from World Economic Forum (WEF) and other international meetings, legislation, regulation for health, health education and environment

Results and discussions

The Fourth Industrial Revolution is characterized by “a fusion of technologies that is blurring the lines between the physical, digital, and biological spheres, collectively known as cyber-physical systems” It refers to the sheer volume of technological advance that is already disrupting all aspects of civil society including government, health care, education, employability, the urban experience and more. Such transformation requires a holistic approach that encompasses innovative and sustainable system solutions and not just technological ones. The WEF response to the Fourth Industrial Revolution was the creation of Centre for The Fourth Industrial Revolution in 2017 at Fort Scott. Among other topics “The Precision Medicine” - aims to support the building and testing of policy frameworks to realize the benefits of precision medicine for society, while reducing risks. It offers the opportunity to harness emerging technologies to tailor diagnosis and treatment of disease to a specific person or population, improving outcomes and potentially lowering costs. Project areas include: generating evidence of precision medicine’s effectiveness, data-sharing and related infrastructure, integrating a precision medicine approach into clinical practice, new approaches to regulation, pricing and reimbursement for diagnostics and treatment, patient and public engagement. Nowadays robotics, artificial intelligence, virtual reality are present in the in balneal rehabilitation.

Conclusion

The scale, scope and complexity of how technological revolution influence our behaviour and way of living will be unlike anything humankind has experienced. In this amazing context Thermae 4.0 is real.

References

2. Response to the Presidio Trust’s Request for Concept Proposals at Fort Scott June 2018: