

PS 1.5

HARNESSING THE POWER OF DATA

| BACKGROUND

In today's AI-driven era, data holds unprecedented significance across numerous sectors, notably in healthcare. Without adequate data, the development and functionality of AI would be severely hindered. Therefore, it's evident that data serves as the foundational cornerstone for the progress of AI in healthcare.

Nonetheless, the complexity and abundance of health data per individual, coupled with the multifaceted dimensions of such data, present formidable challenges. Additionally, ensuring the security of these highly sensitive datasets remains a critical concern.

| OBJECTIVES

- To demonstrate the potential of using big data in health sector to strengthen health systems and achieve universal health coverage
- To identify challenges and possible solutions of big data development and management in health sector from technology standpoint
- To illustrate potential collaboration opportunities among stakeholders for the development and governance of big data within the healthcare sector



Panelist

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Dr Peeter Ross, MD, PhD, is a professor of e-health and the head of the digital health research unit eMedLab of Tallinn University of Technology (TalTech), Estonia. Peeter also holds a radiologist's and Research Department's head's position at East Tallinn Central Hospital. He is the founder and board member of the e-health and radiology consulting company SMIS International OÜ and the company SafeToAct OÜ, which develops and manufactures simulation phantoms for interventional radiology training. He is also a short-term consultant to The World Bank, Asian Development Bank, and German Development Bank KfW. Dr. Ross has previously been a member of the Supervisory Board of the Estonian E-Health Foundation and Estonian Health Insurance Fund. Peeter has actively participated in the design and implementation of the Estonian nationwide Health Information System. He has advised on the design and implementation of large-scale e-health projects in more than 20 countries worldwide and has been involved in several EU-funded healthcare innovation projects.