

# #0309: Switzerland as hub for AI in Radiology

## Authors

K. Mader<sup>1</sup>, H. Mueller<sup>2</sup>, B. Stieltjes<sup>3</sup>, E. M. Merkle<sup>3</sup>; <sup>1</sup>Zurich/CH, <sup>2</sup>Sion/CH, <sup>3</sup>Basel/CH

## Type

Educational Poster Presentation

## Topic

Ethics, Economics and Quality Improvement

## Learning objectives

1. Better awareness of the resources and activities taking place locally around AI in Radiology
2. Understand how crucial imaging data are for large-scale projects like the Swiss Personalized Health Network

## Background

The general consensus at major radiology conferences (RSNA, ECR) is that AI-powered automation could take over up to 50% of radiologists workloads before 2025 and the daily work of a radiologist will look radically different in 10 years time. While a few renowned AI experts have predicted the end of radiology, this paradigm shift presents far more opportunities than threats. Particularly in such a volatile environment, it is important to take an active role in developing and forming the future through research projects, cross-clinic collaboration and partnerships with technology and research companies and institutions.

## Imaging findings or procedure details

Switzerland provides an excellent ecosystem because of the well-built infrastructure of tightly interconnected institutes and large-scale initiatives for financing integrative projects. The closely-connected institutes facilitate collaborations between research hospitals and groups experienced in data storage and analysis. Many of these institutes have world-class reputations in imaging (ETHZ, EPFL, HES-SO). For financing such projects the Swiss Personalized Health Network has made over 68 MCHF available for collaborations on infrastructure and data analysis.

## Conclusion

While Switzerland is much smaller than the current leaders in radiology innovation like the US, UK, and China, it benefits from many unique advantages in infrastructure and research opportunities. With these advantages and engagement from individual radiologists, medical institutions, health insurance, pharmaceutical manufacturers and medtech, we argue that Switzerland could be a world-leader in Radiology AI.

## Affirmations

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