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## Bachelor/ Master Thesis

## **Electronic Health Records:**

## How do digitalization and electronic data exchange contribute to reducing information asymmetries between healthcare providers?

Not only due to the COVID-19 pandemic and the resulting risk of infection, but the necessity of exchanging sensitive health data between various stakeholders (e.g., patients, physicians) to prevent or cure diseases (e.g., knowledge about previous illnesses) also attracts the focus of public attention. To realize the endeavor and improve such information sharing, electronic health records have already been introduced. However, little is known about the benefits and risks of such electronic patient records, as they have not been analyzed, identified, and classified in a structured way so far. As patients immensely suffer from currently existing information asymmetries between healthcare providers, it is crucial to examine how electronic health records could beneficially impact their daily lives.

Thus, this thesis aims to identify, review, and critically examine existing literature on the topic of electronic health records to provide a structured overview.

## Empfohlene Einstiegsliteratur:

- Kohli, R., & Tan, S. S.-L. (2016). Electronic Health Records: How Can IS Researchers Contribute to Transforming Healthcare? MIS Quarterly, 40(3), 553-573.
- Snyder, H. (2019). Literature Review as a research methodology: An overview and guidelines. Journal of Business Research, 104, 333-339.
- Webster, J. & Watson, R. T. (2002). Analyzing the Past to Prepare for the Future: Writing a Literature Review. MIS Quarterly, 13-23.
- Vom Brocke, J., Simons, A., Riemer, K., Niehaves, B., Plattfaut, R., & Cleven, A. (2015). Standing on the shoulders of giants: Challenges and recommendations of literature search in information systems research. Communications of the association for information systems, 37(1), 9.

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