



80% time saving for cardiologists

How can existing processes be challenged to improve clinical workflows?

Overview

User: Kardiologie Interlaken-Unterseen AG, Schweiz, Switzerland

Solution: Cardiomatics - Cloud and AI-based platform for seamless analysis of Holter & LZ ECG signals. The unique technology transforms raw ECG data into valuable knowledge and insights.

Duration of cooperation: 3 years

68% The average annual increase in Holter and LZ-ECG examinations since the introduction of Cardiomatics

77% of the analyzed recordings are 7-day recordings

About Spital Interlaken

Patients with heart disease receive comprehensive care at Interlaken Hospital. The available team of specialists (cardiology FMH) and assistants can offer all non-invasive ECG options including up to 7-day ECGs, event recorders and stress ECGs.

Challenges

- High time pressure and workload due to lack of capacity for Holter & LZ-ECG evaluation
- Increasing cost pressure in the healthcare sector
- Complex and different workflows due to different analysis software for different Holter & LZ-ECG recorders



In recent years, we have received a sharp increase in the number of requests for 7-day ECGs. These are patients, often following a cerebrovascular event, who are being investigated for atrial fibrillation. Analysing these examinations is very time-consuming and presented us with major staffing problems. – Ulrich Ingold, MD

Key objectives

Overcoming global and regional challenges

Meeting the increasing demand for healthcare services resulting from the shortage of healthcare staff, the ageing population and the rising cost of care.

Improve the quality of care

Helping patients receive the right medical care and avoid unnecessary visits to multiple specialists. Providing quality services in the most time-efficient manner.

Process

Thanks to the support from Cardiomatics, the implementation was smooth and simple. We were able to utilize our existing IT infrastructure and no additional expenditure was required.

Cardiomatics was compatible with all ECG devices used in the clinic, so the implementation did not require additional costs.

80% time saving for cardiologists

Result

Up to 80% time saving for cardiologists/physicians and therefore more time for patients

"We are very satisfied with Cardiomatics. The time needed for the assessment has been significantly reduced - by more than 80%. The quality of the reports is very good. Giving up Cardiomatics would be unthinkable for us today." - Ulrich Ingold, MD

Utilising the latest technology

"Cardiomatics offers a very good and simple solution to our problem of analysing 7-day ECGs and also Holter ECGs. A big advantage over other providers is that the technology is constantly being developed and improved." - Ulrich Ingold, MD

Highest analysis quality through machine learning

"The cooperation with Cardiomatics is excellent. It is particularly worth mentioning that the analysing algorithm is constantly being updated and improved. If we have any questions, we receive information very quickly. The analysis with Cardiomatics is very much appreciated by the cardiologists. The analysis is significantly simplified and the report is also very clear and beautifully designed. Nobody here would want to do without Cardiomatics any more." - Ulrich Ingold, MD

A central analysis platform for a variety of ECG recorders

Compatible with over 25 Holter and LZ-ECG recorders and ECG file formats.



Cardiomatics

About Cardiomatics

Cardiomatics is a state-of-the-art, cloud-based MDR-certified software solution for automating the analysis of ECG signals. It is a CE Ila class medical product based on precise artificial intelligence algorithms and its effectiveness has been confirmed in clinical studies, among other things. The software is used by more than 1,000 healthcare professionals in over 15 countries, including Switzerland, Germany, the UK and Poland. More than 150,000 patients have already been diagnosed with the help of Cardiomatics.

Join more than a thousand doctors and see how easy and fast ECG analysis can be!

cardiomatics.com
contact@cardiomatics.com

