5. Risk Stratification of Patients following Myocardial Infarction

In patients with a condition following a myocardial infarction, there exists, with a reduced heart rate variability, a heightened risk of sudden cardiac death (sudden death).

With **clue medical**, it is easily possible to examine such patients after a myocardial infarction on a mobile basis and apply a risk stratification.

In the measurements taken by the patient at home with **clue medical** in the subsequent weeks, noticeably reduced heart rate variability values were recorded on several occasions as well as a slightly increased resting heart rate of slightly higher than 80/min. The reduced heart rate variability was also able to be confirmed in a 24 hour ECG recording.

The patient then underwent programmed ventricular stimulation.
In this test, sustained ventricular tachycardia was able to be induced.

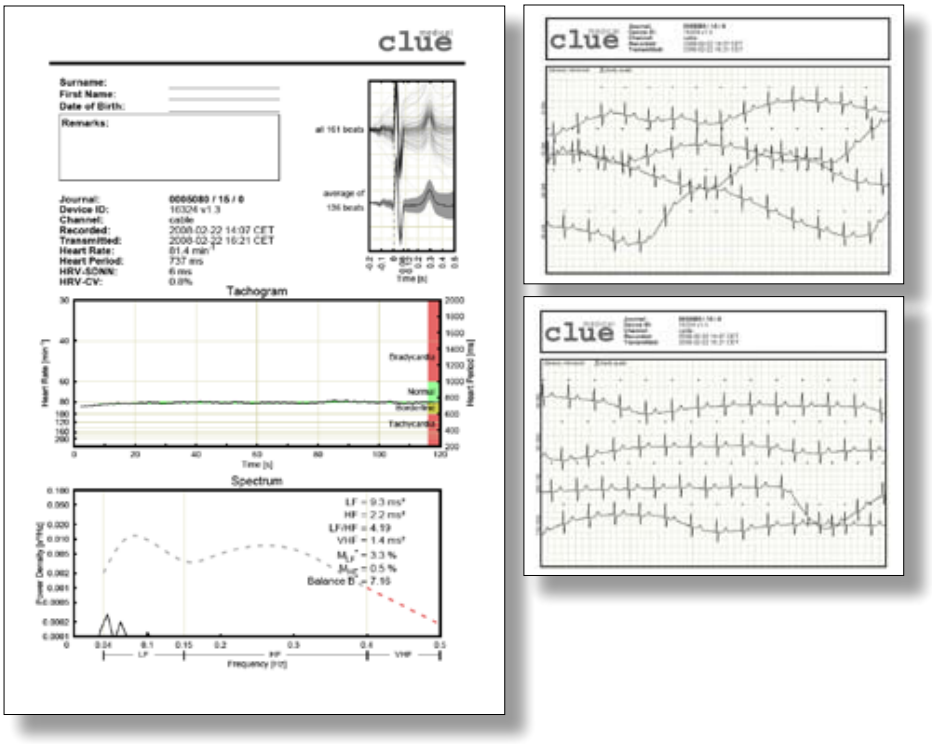
A defibrillator implant was recommended to the patient and subsequently performed.

The 58 year old patient T.I. suffered a heart attack in January 2008. Following coronary intervention, the patient was symptom-free. He presented a moderately reduced left ventricle function.

The employment of clue medical

clue medical can be used in patients having suffered a heart attack for follow-up observation.

Particular attention should be given to a changed and/or reduced heart rate variability which is described in many publications as a risk marker for sudden cardiac death (sudden death).



Literature

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