



clue
medical

Follow-up and Therapy Monitoring of Patient with Cardiomyopathy

With clue medical, using the parameters of heart rate variability, effective and easy outpatient follow-up and therapy monitoring can be carried out.

The drug therapy was changed and the patient's cardiac insufficiency therapy with ACE inhibitors and β blockers was stepped up. At the check-up, a recording was made with **clue medical** according to which a decreased heart rate variability and a high resting heart rate of 93/min were shown.

After just 8 days, an improvement in heart rate variability and a decrease in resting heart rate were observed in the recordings subsequently taken and transmitted by the patient at home.

In a telephone follow-up, the patient confirmed that her condition had improved.



The 53 patient F.P. was diagnosed with dilated cardiomyopathy. The patient's clinical condition worsened with an increase in shortness of breath which led to an outpatient check-up on 1. 3. 2008.

Use of clue medical

clue medical is ideally suited for use in patients with cardiomyopathy and cardiac insufficiency for mobile outpatient therapy monitoring.

It allows for both early detection of a worsening and verification of subjective improvement in condition.

Literature

Assessment of Autonomic Function in Cardiovascular Disease Physiological Basis and Prognostic Implications

Marc K. Lahiri MDa, Prince J. Kannankeril MDa and Jeffrey J. Goldberger MD, FACC
Journal of the American College of Cardiology
Volume 51, Issue 18,
6 May 2008,
Pages 1725-1733

Heart rate variability in myocardial infarction and heart failure

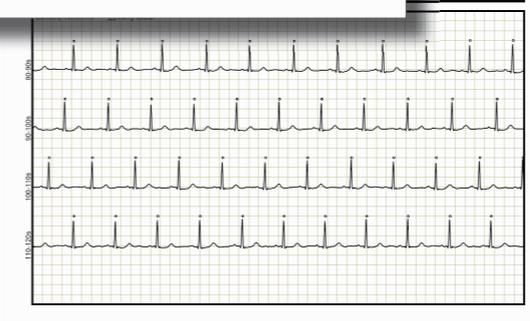
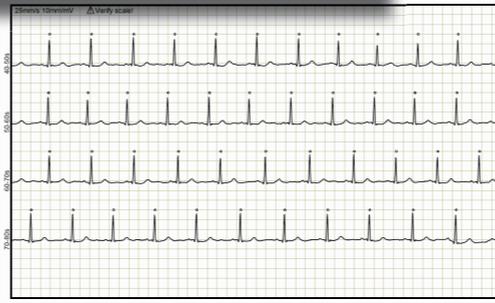
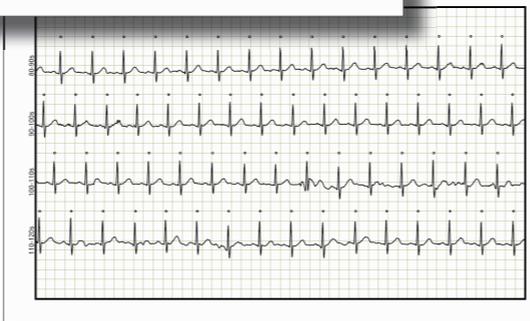
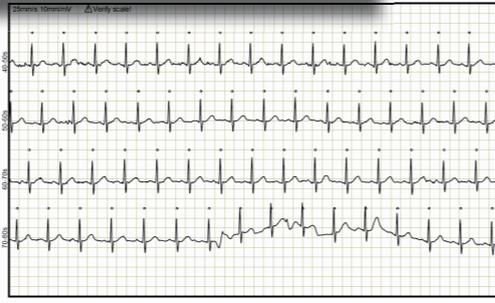
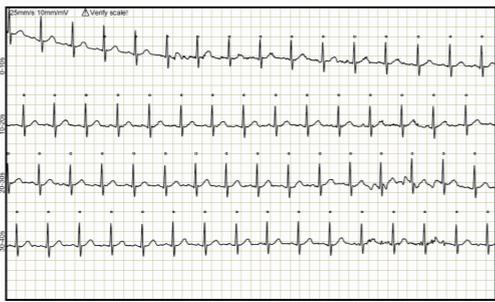
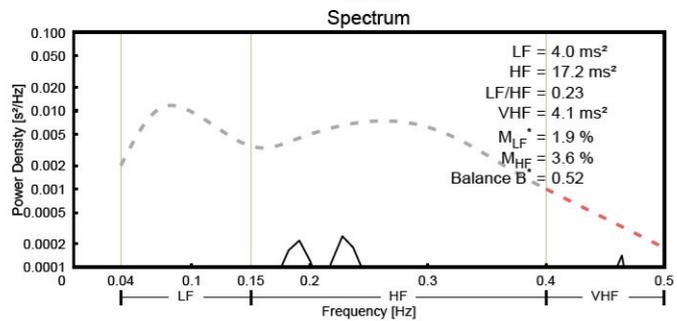
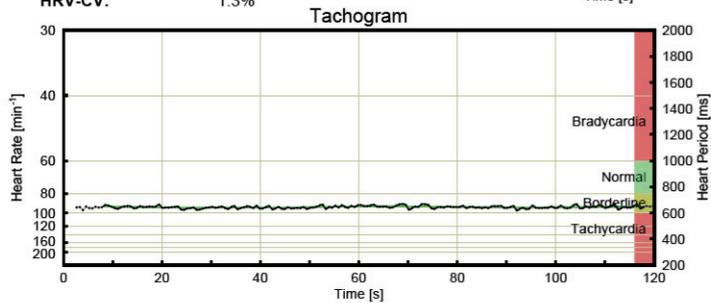
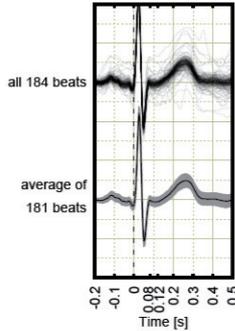
Nipon Chattipakorn,
Tanat Incharoen,
Natnicha Kanlop,
Siriporn Chattipakorn,
International Journal
of Cardiology 120
(2007) 289-296

Heart rate variability: a review

U. Rajendra Acharya,
K. Paul Joseph, N. Kannathal,
Choo Min Lim, Jasjit S. Suri
Med Bio Eng Comput
(2006) 44:1031-1051

Surname: _____
 First Name: _____
 Date of Birth: _____
 Remarks: _____

Journal: 0005257 / 36 / 0
 Device ID: 18661 v1.3
 Channel: cable
 Recorded: 2008-03-01 10:05 CET
 Transmitted: 2008-03-01 16:12 CET
 Heart Rate: 93.2 min⁻¹
 Heart Period: 643 ms
 HRV-SDNN: 8 ms
 HRV-CV: 1.3%



Surname: _____
 First Name: _____
 Date of Birth: _____
 Remarks: _____

Journal: 0005534 / 81 / 0
 Device ID: 03540 v1.3
 Channel: cable
 Recorded: 2008-03-09 19:29 CET
 Transmitted: 2008-03-09 20:05 CET
 Heart Rate: 70.3 min⁻¹
 Heart Period: 853 ms
 HRV-SDNN: 18 ms
 HRV-CV: 2.1%

