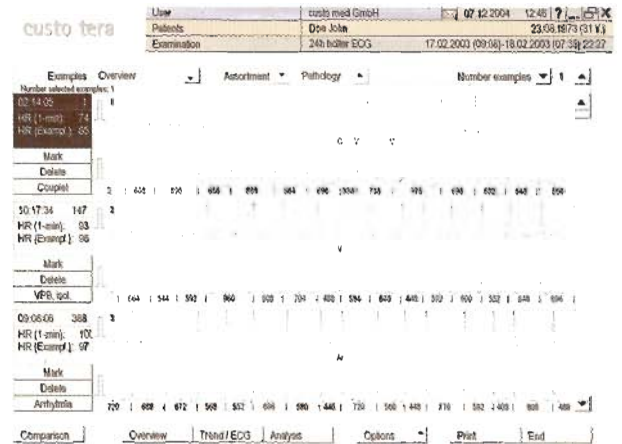
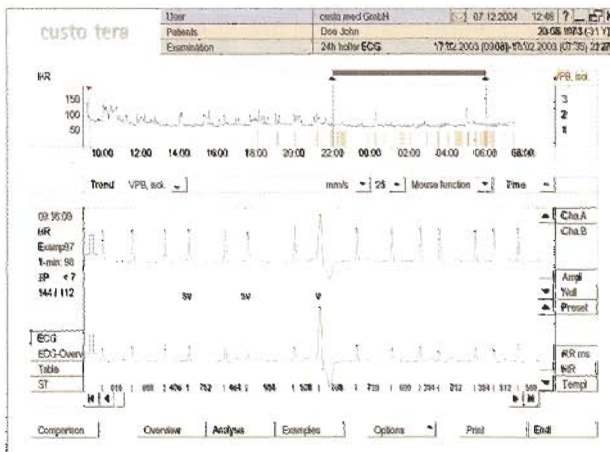


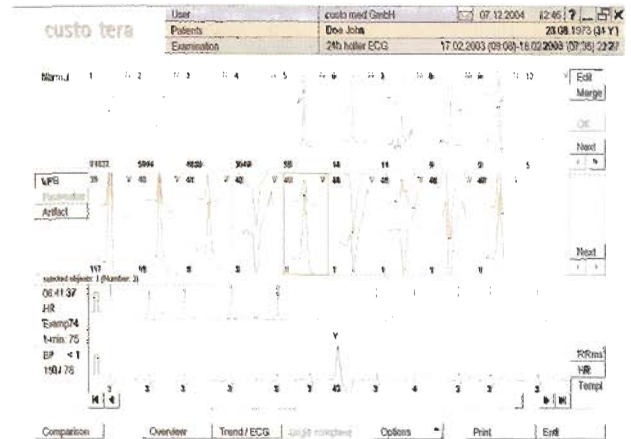
1 Overview of the evaluation



2 Examples



3 Trend ECG

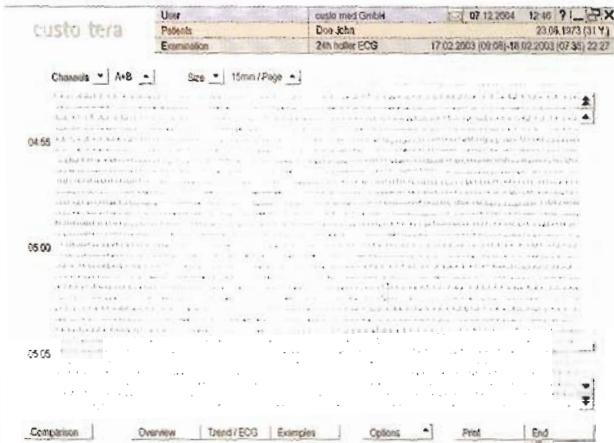


4 Template analysis

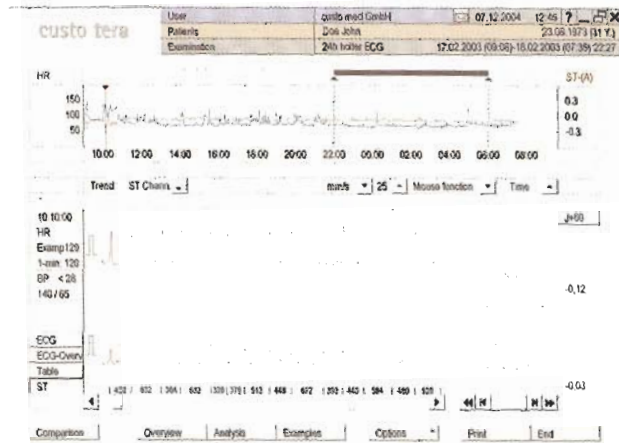


1 Immediately after the reading of the recorder and the analysis of the saved ECG the summary of the 24-hour recording is available. All pathological histories with indications of appearance and maximum frequency are displayed in it, where the respectively most pathological value is particularly pointed out with time and duration. The heart rate trend is graphically displayed simultaneously with a freely selectable pathology. By a simple mouse click the display of the corresponding ECG example is directly invoked together with all important tasks. The trend curve of the pathology displayed simultaneously makes possible a quick access to further histories of the same type. Quick access to further histories of the same type is made possible by the trend curve of the pathology, which is displayed simultaneously. The quick validation of the selected results will be made easier by the clearly structured user interface with its extensive editing functions.

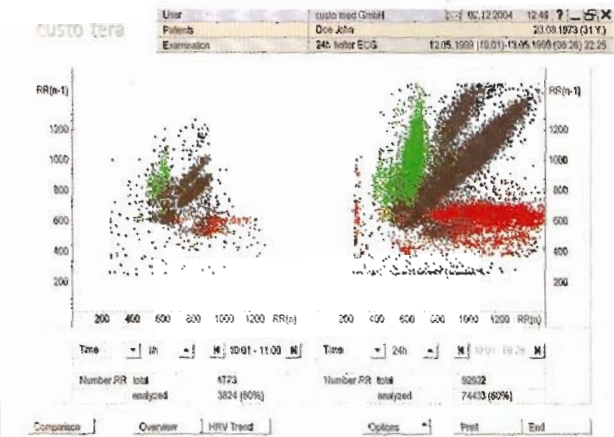
- 2 The environment of the ECG example – essentially particularly with the assessment of longer episodes (e.g. tachycardia) – can be displayed any time. Arbitrarily long ECG periods can be marked with selectable resolution and writing speed for a later report.
- 3 Interesting episodes can be marked, edited or directly be printed. With a measuring pair of compasses an example of the ECG can be easily measured. With the help of the trend ECG the 24-hour long-term ECG can be viewed completely
- 4 The analysed morphology classes ("templates" or "bins") are displayed with the indication of the type and the frequency of appearance. Individual morphology classes can be edited or combined. A new analysis of the recorded ECG with amended parameters is always possible.



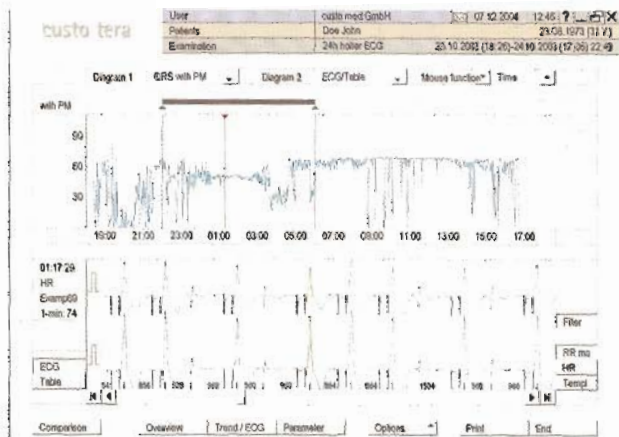
5 Complete ECG



6 OPTIONAL: ST-analysis



7 OPTIONAL: HRV-analysis



8 OPTIONAL: Extended pace-maker analysis

5 It may be necessary in particular evaluation situations to have a look at a longer period of the recorded ECG as an overview. It is possible to run the complete 24-hour ECG in a 1- or 2-channel way with a configurable amplitude and speed on the screen. A processing of individual or several examples is possible any time.

6 The results of the ST process analysis are displayed as a trend curve. The analysis additionally saves up to 3000 measured ST examples. Extensive display options of these examples with ST trend display, direct allocation of the corresponding continuous ECG are supported by the system together with corresponding printout options. Even the search for ECG periods with particular ST-behaviour as also the editing of the measuring markers are possible.

7 The examination of the heart rate variability in the time spectrum as well as in the frequency spectrum can be

precisely followed thanks to the high-resolution ECG analysis of the custo terra system. All standard trends (e.g. SDNNS, ANN5, RMSSD, pNNS50) are displayed. For interesting positions the corresponding ECG is immediately displayed. A two-dimensional "scatter plot" shows the time behaviour of consecutive RR-intervals.

8 The pace-maker spikes registered by the recorder are analyzed regarding their time behaviour, where the individual pace-maker data (starting frequency, frequency window and others) are considered. In addition it is examined whether a pace-maker pulse is also followed by a corresponding myogenic response. The results are then displayed after having been edited correspondingly (summary, trend and selected examples among others).