

HOLTERSOFT

ULTIMA



THE SOFTWARE FOR ALL

NovACOR **HOLTER** RECORDERS

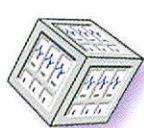
 NovACOR



COMPLETE : Communication with all Novacor ECG Holter recorders (**Unolter series, Vista Series**), ABP Monitors (**Diasys Integra and Access**), combined recorders (**X-Olter Series**) and Cardiac Event recorders (**R.Test Evolution Series**).



POWERFUL : Management of patient and procedure data bases.



RELIABLE : Advanced analysis of ECG and ABP data for immediate access to results and a fast, accurate diagnosis.

A user-friendly interface

HolterSoft Ultima benefits from Novacor know how and the best windows tools to bring you totally interactive functions and the latest in Holter system development



■ Recorder programming.



■ Immediate and clear results display with:

- a list of events classified by seriousness,
- contextual menus,
- synchronised update of all the windows,
- measurement calipers,
- a complete summary.



■ Management and Archiving of patient files and related procedures, whatever their type (ECG, ABP...) and length.

Procedure management

Patient	Begin date	Durat.	Notes
DEMO FA - Pauses Atrial Fibril..	16/01/1996 12:15	29.00	
DEMO FA 1	26/01/98 11:15	23.56	Atrial fibrillation
DEMO FA 2	18/06/97 12:42	24.01	Atrial fibrillation
DEMO Normal	14/11/96 14:41	24.00	
DEMO Pacemaker	09/11/98 12:29	21.19	DDD
DEMO PM	12/04/1995 14:19	02.01	
DEMO Slow	22/05/97 10:20	22.39	Pauses
DEMO Slow	22/05/97 10:21	22.09	not analysed
DEMO ST Runs Salves	07/10/1994 20:05	99.28	
Devo TV TSV Pauses Runs..	20/07/1996 13:25	142.09	

Information

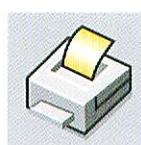
Start of procedure date: 13/11/99 10:01
Data transmission date: 11/02/20 18:17
Duration: 21:38
Number of intervals: 5

Procedure ongoing

11:02:01 11:02:00 11:02:00 11:02:00

11:02:01 11:02:00 11:02:00 11:02:00

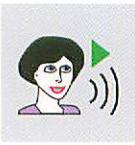
Create new procedure in database



■ Report configuration, printout and export.



■ Analysis & printout chaining.



■ Vista ECG Holter vocal messages storage and replay.



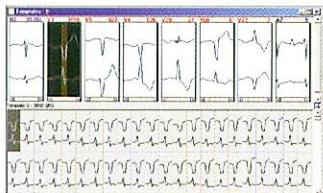
■ Reception of teletransmitted ABPM and ECG procedures (Modem or Email).

WARE for all Novacor Holters

A user-friendly interface

ECG analysis

- Interactive template clarification.

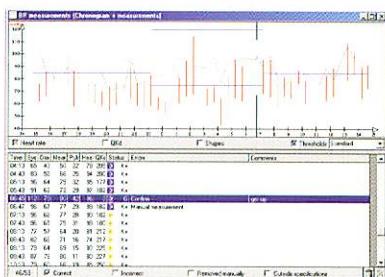


- Sequential adaptative morphological analysis of procedures longer than 24 hours.

- Processing of Vista signal (200 Hz / 10 bits / 12 mV) optimising the QRS positioning, the P wave visualisation, and reducing saturation periods.

ABP analysis

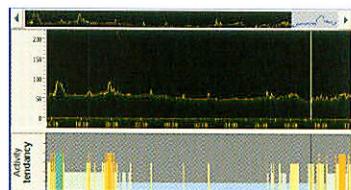
- Measurements and hourly means chronograms and histograms.



- Statistical analysis of time or position periods with adjustable thresholds.
- Multiple procedure results comparison.

Position and Activity analysis

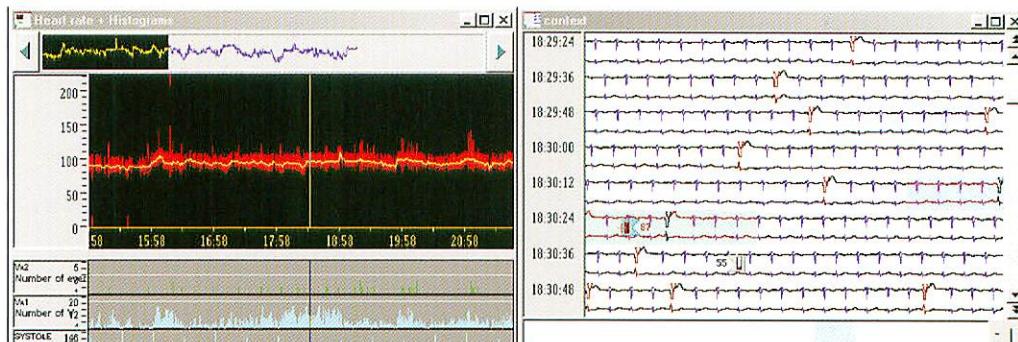
- Position (lying, sitting, standing, walking, cycling) display in the Heart Rate trend and in the BP chronogram.



- Calculation of the activity level.
- ABP statistics on position/activity.

Global Analysis of Multiparameter Recordings

ECG
+
ABPM
+
POSITION
+
ACTIVITY
QUATTROter

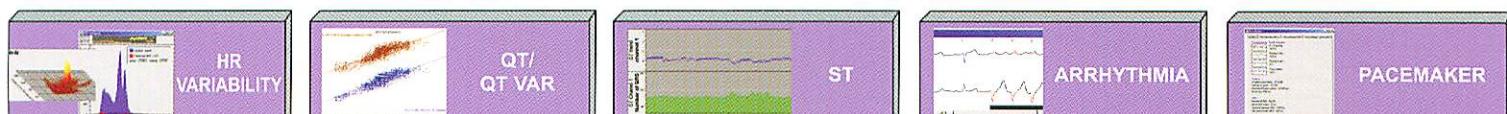


ABPM
+
POSITION
DIASYS II
DIASYS Access



ECG
+
POSITION
Duoter Access

Basic Options



Exclusive Options



DIASYS
INTEGRA Access

DIASYS II
INTEGRA

X-Doter
series



HOLTERSOFT ULTIMA

R.TEST Evolution 3



unDoter
series



TECHNICAL SPECIFICATIONS

CONFIGURATION

PC/Windows

RECORDERS

Unoter series
Vista
DuoLter/Trioter
Diays Integra series
R.Test Evolution series

COMMUNICATION

Flash Cards and Compact Flash (CF)
Serial port for cardiac event recorders
and ABP monitors

DATA PROCESSING

ECG

Unoter & DuoLter series : 2 or 3 channels, 24 hours,
100Hz, 8 bits, +/- 3 mV

Vista : up to 11 days, 1, 2 or 3 channels, 200 Hz,
10 bits, +/- 6 mV

ABPM

Up to 48 hours
Up to 200 measurements

SOFTWARE FEATURES

ECG ANALYSIS

1, 2 or 3 channels
Traces preview
Arrhythmia
Atrial Fibrillation
HR variability (time & frequency domain,
Poincaré diagram)
Pacemaker
ST
QT, QT variability
Obstructive Sleep Apnoea
Analysis & Printout chaining

ABP ANALYSIS

SP, DP, MAP, HR, QKd
Chronogram & table of measurements and hourly means
Statistical analysis on adjustable periods
Procedures results comparison

ACTIVITY ANALYSIS

REPORT

Color, configurable, exportable

ARCHIVING/EXPORT FUNCTIONS

TELEMEDICINE

Reception and processing of teletransmitted
ABPM/ECG procedures (Modem or Email)

Distributed by: —

NOVACOR

4, passage Saint Antoine
92508 Rueil Malmaison - France
Tél. +33 (0)1 41 39 01 61
Fax +33 (0)1 41 39 01 99

www.novacor.com

Novacor UK Ltd
Prospect House
Northdown Business Park
Ashford Road
Lenham, Kent. ME17 2DL
Tel: +44 1322 660200
Fax: +44 1622 853973
Email: admin@novacor.co.uk

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