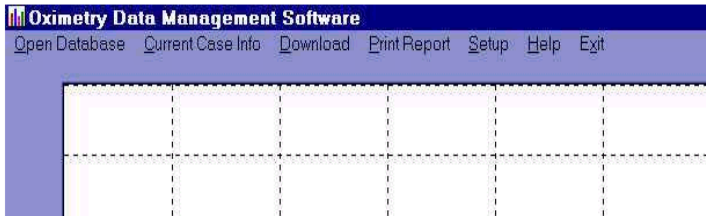




BCI, Inc. Oximetry Data Management Program



Main Menu Functions:

Database: Allows the user to create, delete, search, and view patient files and study records.

Current Case Information: Allows user to immediately refer back to patient information while viewing study data.

Download: Allows the user to access the patient database and transfer data from the oximeter to the program for analysis.

Print Report: Allows the user to print statistical, desaturation, SpO₂, or full reports.

Setup: Allows the user to change colors of graphs and change port connections.

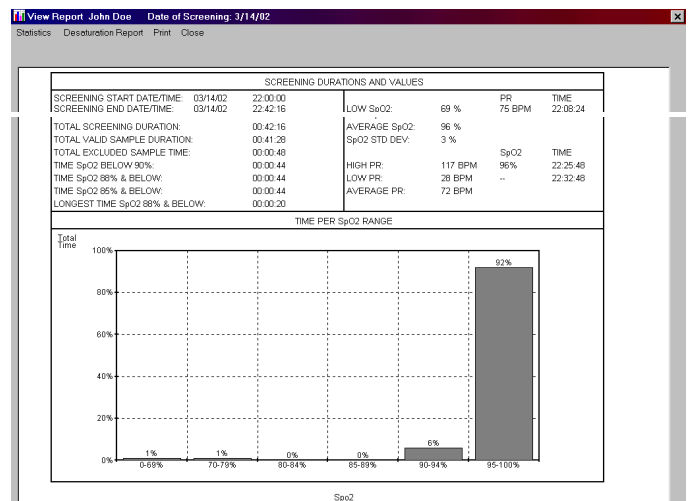
Help: Displays "Tip of the Day," About menu, and help file.

Exit: Allows user to exit the program.

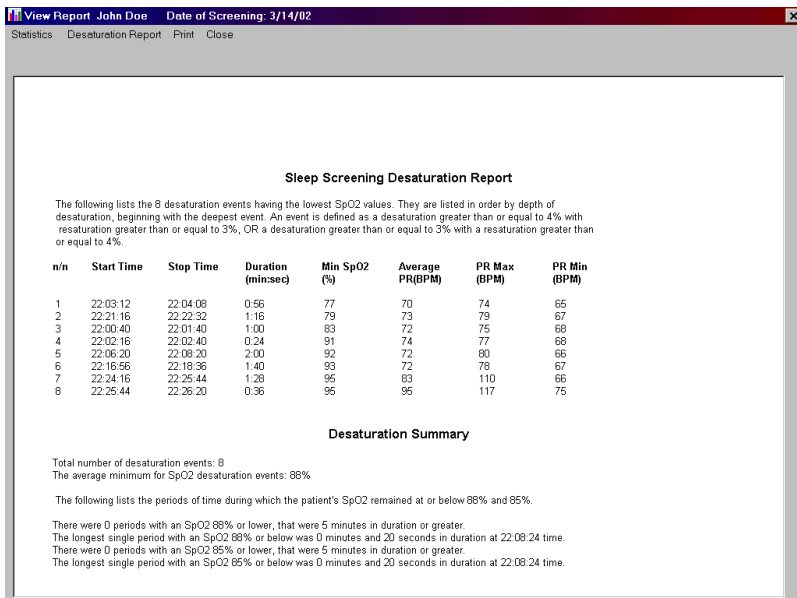
DATA REPORTS

Statistical Report: The software will analyze, calculate, and print statistical parameters for the downloaded data according to the FingerPrint[®] Sleep sleep screening specification.

- **Screening Start Date/Time:** represents when the monitor began collecting data.
- **Screening End Date/Time:** Time when monitor stopped collecting data, either because of power off or memory full, and is calculated by the software based on the amount of data downloaded.
- **Total Screening Duration:** calculated by the software.
- **Total Valid Sample Duration:** Total screening duration minus the excluded sample time.
- **Total Excluded Sample Time:** Total time the monitor registered invalid data.
- **Time SpO₂ 88% & Below**
- **Time SpO₂ 85% & Below**
- **Longest single period w/88% SpO₂ or below & time it occurred**
- **Low SpO₂:** The lowest SpO₂ value taken from the valid sample with the pulse rate and time at which the lowest SpO₂ value occurred.
- **Average SpO₂**
- **SpO₂ Standard Deviation:** The measure of the variability of the sample. A higher standard deviation indicates greater variability in the samples.
- **High PR:** The highest pulse rate value taken from the valid sample and the SpO₂ value & time the highest pulse rate occurred.
- **Low PR:** The lowest pulse rate taken from the valid sample and the SpO₂ value & time the lowest pulse rate occurred.
- **Average Pulse Rate**



DATA REPORTS



Desaturation Report: Lists up to 50 of the deepest (lowest SpO₂ values) desaturation events. The events are listed in order of depth, beginning with the deepest event.

- **Reference # for the event:** A unique number between 1-50, which identifies each desaturation event.
- **Start/stop time of the event**
- **Duration of the event:** calculated by the software.
- **Minimum SpO₂ during the event**
- **Average pulse rate during the event**
- **Maximum/minimum pulse rate during the event**
- **Desaturation Summary:**
 - Total # of desaturation events detected
 - Average minimum for SpO₂ desaturation events
 - Number of events with 88% SpO₂ or below 5 minutes or longer
 - Duration of longest single event with 88% SpO₂ or below & time it occurred
 - Number of events with 85% SpO₂ or below 5 minutes or longer
 - Duration of the longest single event with 85% SpO₂ or below and time it occurred

Graphic Report: An SpO₂ strip chart that contains 3 strips per page

Full Report: Consists of 3 reports:

- Desaturation
- Statistical
- Graphic

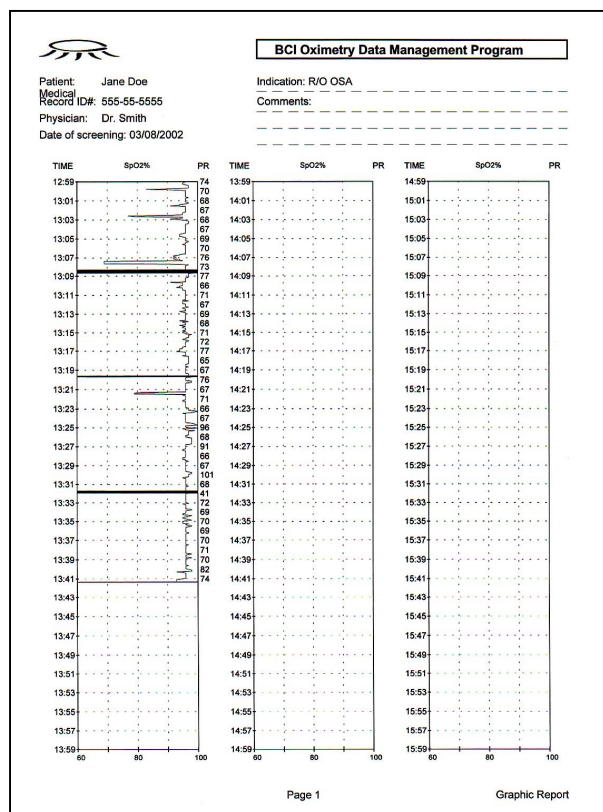
System Requirements:

Operating System

Operates under Windows 95, 98, 2000, ME or NT (Version 4.0 with service pack 3 or higher).

Hardware System

- Pentium processor 200 MHz or higher
- 16MB RAM minimum
- BCI® Pulse Oximeter (Cat. #3403)
- BCI® Serial Cable (Cat. #3389)
- Hard drive with 40 MB free disk space
- Microsoft Internet Explorer 5.0 (unless already installed)
- SVGA monitor with 600 x 800 resolution required (128x1024 recommended)
- 2x speed CD-ROM minimum (required for installation)
- Serial comm. Port 1,2,3,or 4.



Catalog #1621

For more information, or for the name of your representative, contact BCI, Inc.



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