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Patient Set-up Screens

Patient Set-up Main Screen
Touch Screen (Virtual Keyboard) - SONARA Only
New Exam:
- Select Existing Patient  
  (search by Patient Name or Patient ID)
- New Patient (enter new patient demographics)

Exam Details:
- Choose Examiner/Physicians, Indication
DICOM Worklist:
• Query Patient Name & Accession #
• Select Query DICOM Server

Load Patient:
• Load Patient (existing patient and dates of exams with vessel information)
Patient Set-up Screens

Delete Patient:
- Delete Patient or examination

Edit Details:
- Update Details (Modify/add information)
System Set-up Screens

System Set-up Main Screen
System Set-up Screens

Display:
(Mode set up is for new exam only. Not active in review)
- Mode
  - Monitoring Mode (unilateral / bilateral; Standard/HITS)
  - Diagnostic Mode
  - Functional Tests: Breath Hold and VMR (Bilateral/Unilateral)
  - Ophthalmic Mode (enable / disable). Enable presets power to 5.0%. Disable - allows for power increase by user.
- Spectrum
  - Sweep time
  - Depth steps
  - Spectral color palette
  - Envelope: Thick or Thin
  - Gain (recommended: Manual)
  - Display. Uncheck “Peak Envelope” to turn envelope off
- Summary (choose 2 parameters to be displayed on report page)
- Multigate (number of spectra displayed, start/end depths)
- Parameters (choose ones you wish to see during examination). All parameters are on report page as default.
**Monitor**

- Parameters (modify trend parameters and assign color to trend line)
- Alarms (change units, alarm parameters allows setting alarm values)
- Markers (create predefined markers; auto marker for predetermined values)
- Storing (continuous/event triggered)
- HITS Detection (towards or away from probe)
- Adjustable HITS threshold (please refer to SONARA user’s manual for detailed information)

**Protocols**

- Activate (list of existing protocols)
- Edit (customize or edit existing protocols)
- “Next” Key Configuration (options save, print, next, start). “Save” checked will save spectra and go to next vessel in protocol.
- Display (check Lock Protocol to keep Protocol displayed during entire exam).
System Set-up Screens

Printer:
- Summary Layout (printout, layout, vessel pictures)
  - Standard: prints out complete study
  - Single Page: prints out images only, no text report
  - Standard Compact: prints out report similar to CIII and 8080
    – Complete: prints out pertinent Doppler parameters, Scale, Sample, Gain, Power and Probe for each saved Blood Vessel
- Colors (grayscale/color)
- Institute (facility name and logo)
- Printer (select/add printer and paper size)
System Set-up Screens

General:
- Vessels (default vessels)
- Sound (enable control key sound, monitoring sound configuration)
- Footswitch (program foot pedal)
- Save (spectral or complete and duration)
- Doppler (angles, filter, units)
- Date and Time (military or standard, date format)
- Language
- Remote Control

Remote Control:
- Program 2-button remote control
- Program 5-keys on multi-button remote control
Database Set-up Screens

Database Set-up Main Screen
Database Set-up Screens

Backup: CD/DVD; USB or any available network drive

- Select Drive
- Select Folder
- Select “OK”

- By Patient (select or search patient)
- By Date (choose range)
- All Patients (all patients)
- Monitoring (analog or spectral)
- Protocol (custom protocols)
- Report template
Database Set-up Screens

**Restore:** from CD/DVD; USB or any available network drive
- By Patient (select patient)
- By Date (choose range)
- All Patients (all patients)
- Protocol
- Report Templates

**DICOM Export:** (must load exam first)
Statistics:
- Graphs (X/Y vessel parameters)
- Customized Bars (statistical information, vessel, parameters)
- Demographic Distribution (bar chart)
- Pie (pie chart)

Import Examination:
- From USB, CD/DVD or any available network drive
**Export:**
- Export Options (Picture, Excel, Raw Data, Report, Movie, Audio, Examination)
- VIA file will save complete study

**NOTE:** SONARA Reader Station software is required to review .via files on separate PC.
Help Screens

Help Main Screen
NEW: option to exit to Desktop
Help Screens

SONARA:
- SONARA Help (Alphabetical glossary of terms)

Free Space:
- Memory on Hard Drive
License Manager:
• Displays enabled licenses

VCare:
• Link to remote service support

Service Tools:
• Technical access only

SW Update
• Update application software

Desktop
• Exit to Windows from SONARA application

About:
• Software Version
Help Screens

Definitions:

- **Thermal Indices:** measurement of energy absorbed by the body
  - TIC - TIC (Cranial Thermal Index)
  - TIS (Soft Tissue Thermal Index)
  - TIB (Bone Thermal Index) during insonation

Notes:

- “EXIT” to shut down SONARA application
- “PATIENT” to start new exam
- Window Display Configuration (touch top right screen drop-down menu under time clock)

NOTE: TIS will always be displayed during an active protocol where the active step is labeled OA or Siphon.

NOTE: Any change in the Power, Sample, or Scale variables affects the displayed TIC or TIS.