

Trex HD[®]

Initial Setup and Post Study Data Transfer

Starting an Ambulatory Study

- Insert new batteries into the ambulatory headbox
- Prepare the patient and attach electrodes
- Open the Natus Database
- Click the **New** button
- Fill in the patient's name and other information in the Patient Information dialog
- Click **Start**
- Click the **Start Recording** button
- To check impedances, click the **Check Impedance** button
- Select **Controls**→**Start Ambulatory Study** from the menu
- Click **Yes** to begin ambulatory collection
- The ambulatory study is now recording onto the flash memory of the Trex
- Disconnect the USB cable from the headbox and assemble the equipment on the patient



Start Recording



Check Impedance

After the Patient Returns

Connect the computer to the Trex with the USB cable

- Open the Natus Database and choose **Tools**→**Ambulatory Manager**
- Choose **Headbox Connected to USB** from the Select Headbox dialogue box and click **OK**
- To stop the current study, click **End Study**
- To upload the study into the database, highlight the study name and click **Upload Study**

Note: A message will appear to tell you when the upload is complete

- Click **OK**
- Before using the Trex with another patient, the memory must be cleared by clicking the **Clear Memory** button

Note:

To set the Trex to start recording once USB cable is unplugged:

- Open Natus NeuroWorks or Natus SleepWorks
- Select **Edit**→**Settings**→**Acquisition** in the menu
- Check **"Start ambulatory study when HB disconnected"**

Recommended frequency and channel settings:

- The **Sampling Frequency** should be set to 200 Hz
- In **Channel Status**, turn off all channels that will not be used including OSAT and PR if oximeter is not used (to conserve battery)

