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

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)