# TEMPLE HEALTHCARE

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HOW TO NAVIGATE NOXTURNAL PHYSICIAN REPORTING

1. Go to Noxturnal Library

To run the Noxturnal application, double-click on the desktop icon or click on the application icon in the Windows start menu. To close the application either click on the X in the top right corner, or on the File menu choose Exit.

Library: In the top left corner, you will see this option. This option opens the recording library. The library stores a list of all recordings that have been recorded, downloaded or manually added to the recording library.
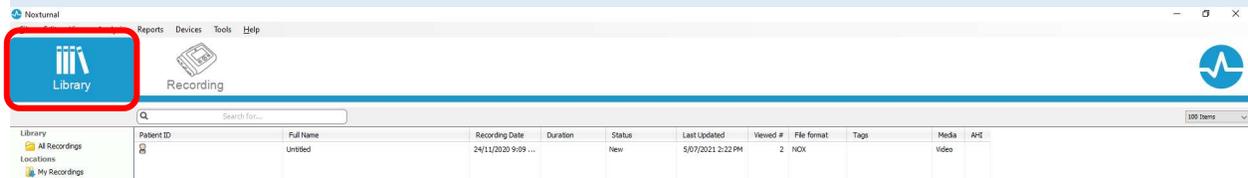

2. Open Study

Find your desired study by either looking under the Library or Locations folders, or simply use the "Search for" tool bar and search for your study by the patients first or last name.

You can also easily sort your recording date by ascending or descending order by clicking on the Recording Date column.

Once you have found your study, double click on the patient name to open.
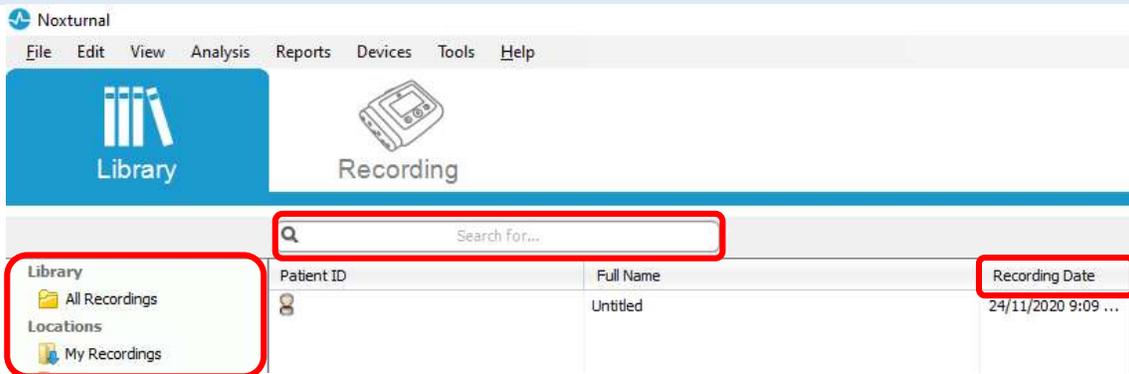

3. Recording Results Tab

The first TAB in the top left is the Recording Results Tab. This page contains an overview of the most common analysis parameters and the recorded signals. The result page is automatically updated when changes are made to the existing scoring or if the automatic

analysis is run. When sleep stages are available, you will see graphs and information with that information.

Each parameter is color coded based on its severity ranging from green to red (Normal → Mild → Moderate → Severe).

The Recording Results page has buttons for the following actions:

● **Recording Status:** This option allows to set the status of recordings manually. Downloaded recordings always have the status New. If the recording has been analysed, the status can be set to Scored. If the recording and the scoring have been reviewed, the status can be set to Reviewed. If the recording has been interpreted, the status can be set to Interpreted. If a recording has been diagnosed and accepted, the status can be set to Done.

● **Signal Quality:** is determined from the monitoring of signal quality of the following signals: SpO2, airflow, abdominal or thoracic respiratory effort signals. The signal quality of those signals is and is represented from 0-100%.
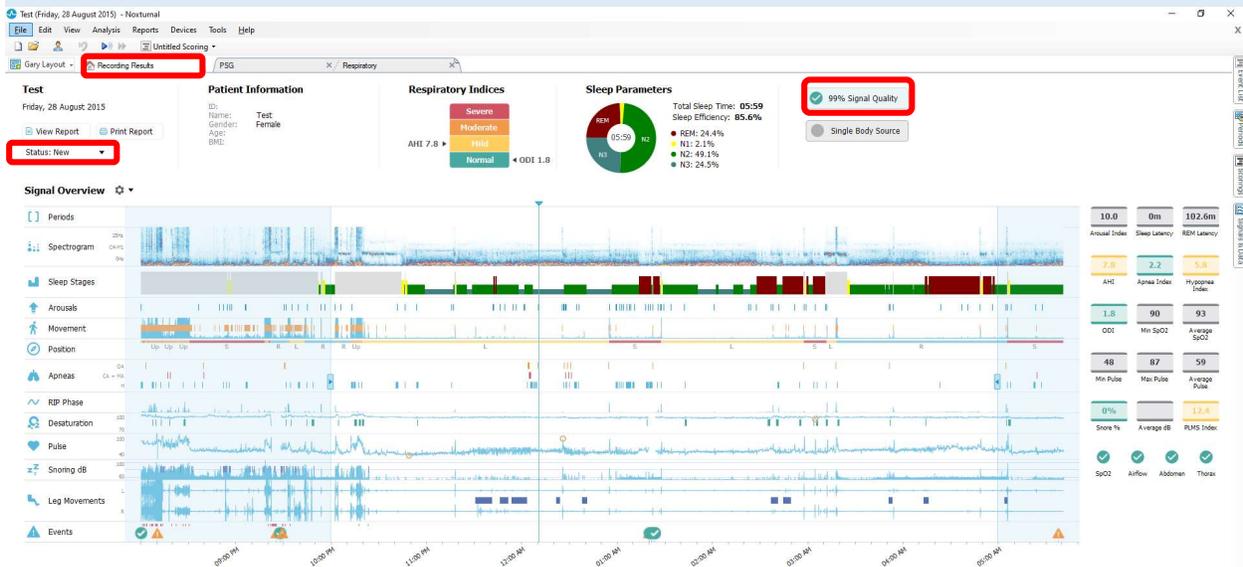

4. Viewing Signals

The next TAB in the top left will display your raw data in your preferred Workspace Layout display.

The data will be displayed in the last workspace layout it was in before the study was closed e.g. likely in the scoring scientists preferred layout. Your site or a Temple Healthcare representative may have already created you your preferred layout, if so, the Workspace Menu Button allows you to apply different Workspace Layouts and signal sheets to manage the way you want to see your recordings. Select your custom Workspace Layout. You can save all changes to your workspace layout for future use. This means that you can change settings on traces and setup your work environment as you see fit.
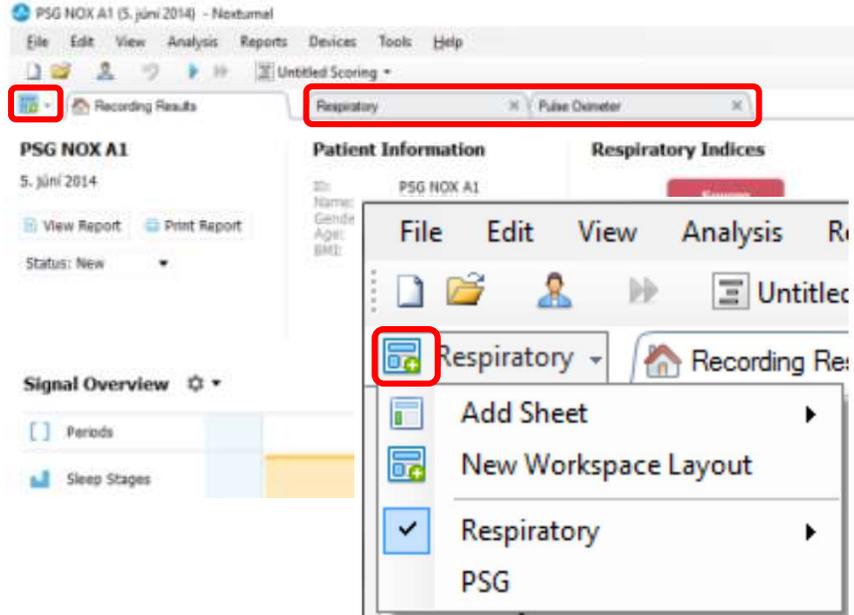
5. Working with signals

1 The navigation bar allows to quickly navigate to any time in the recording. The blue line indicates where the user is located in the recording. Click on any location in the bar to jump to that time.

2 Time axis displays the recording time and the time period in the window. Right-click on the time axis to change the interval in the window. Stretch/compress the time axis with the mouse to change time interval in the window.

3 The synchronization marker located on the time axis is used to synchronize with other signal sheets and views. The clock on the right side of the navigation bar shows the time of the marker position. The synchronization marker can be dragged and moved in time.

4 Signal value axis shows the name of the corresponding plotted signal and the value axis scale. The axis can be stretched/compressed with the mouse. To change the properties of the value axis, double-click on the axis and a dialog will appear where the properties can be changed.

5 Signal plot in a pane. Signals can be adjusted in many ways. Resize the signal pane or move the signal pane around by using the mouse. To change the properties of the signal, double-click on the signal and a dialog will appear where the signal properties can be changed. To access all actions for an individual signal trace right click the signal trace and the following menu will be available.
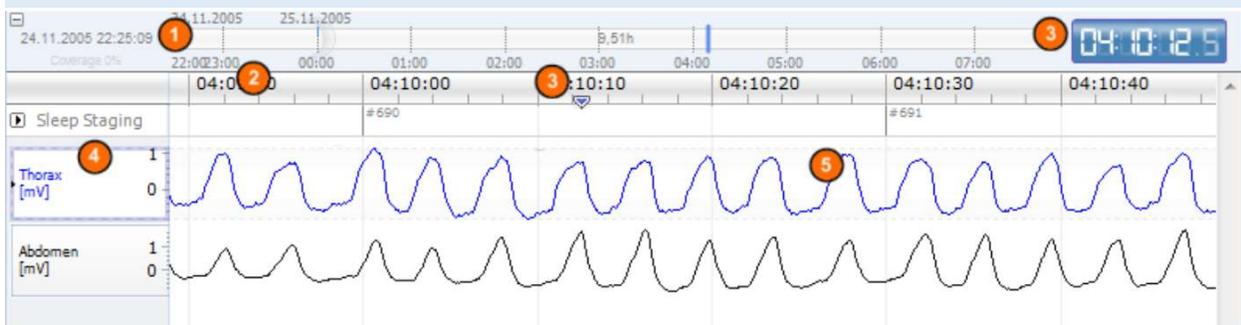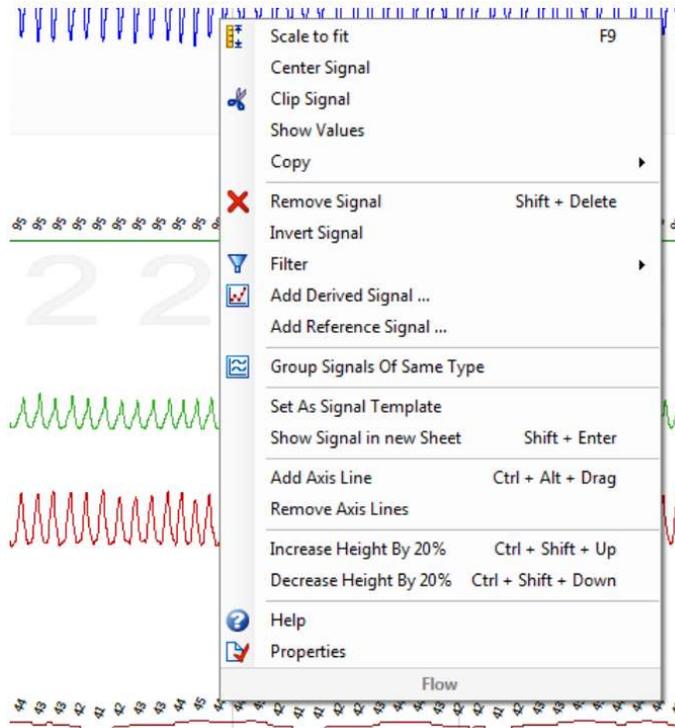
6. Keyboard Navigation

Navigate and manipulate the signal sheet by pressing the following shortcut keys:

Navigation:
- Right key = By default - Half page flip forward, user configurable
- Left key = By default - Half page flip backward, user configurable
- Ctrl + Right key = By default - Full page flip forward, user configurable
- Ctrl + Left key = By default - Full page flip backward, user configurable
- Page Down key = Page flip forward
- Page Up key = Page flip backward
- Home key = Start of recording
- End key = End of recording
- Shift + Right key = Increases time span in window
- Shift + Left key = Decreases Time span in window
- Shift + Ctrl + Left key = Jump to previous data session
- Shift + Ctrl + Right key = Jump to next data session
- - key = Zoom out of selection
- + key = Zoom into selection
- Mouse wheel = Scroll forward/backward
- Mouse wheel + Ctrl key = Scroll up and down

Active Signal:
- Shift + Up = Increase signal scaling
- Shift + Down = Decrease signal scaling
- Ctrl + Up = Shift signal up
- Ctrl + Down = Shift signal down
- Shift + Return = Show active signal in new sheet
- Shift + Delete = Remove active signal from sheet
- Up key = Select signal above
- Down key = Select signal below

- Ctrl + F = Find events
- F9 = Auto scale signal

Signal Sheet:
- Space = Play/Pause recording playback
- Ctrl + W = Auto scale signals
- Ctrl + A = Arrange signals

Events:
- Tab = Next event, if searching then next search result
- Shift + Tab = Previous event, if searching then previous search result
- Delete = Delete selected events, or delete events overlapping selection
- Return = Deselect all events
- Esc = Clear all selections

7. Reports

The patient report may be located as a third TAB **OR** saved as an Attachment.

If it is located as a TAB, you can easily modify the report by using the Edit button which is visible in the toolbar when viewing reports. The Edit button launches the Edit Mode within Noxturnal which allows you to edit the report in the same way as you would use Microsoft Word®. All changes that you make are immediately visible to you.To stop Edit Mode, press the Edit button again.

Alternatively, instead of Edit, you can select the "Save and Open in Word" button which allows you to edit the report within Microsoft Word®. Once complete, select Save within Word and all changes will be saved within the Noxturnal patient data file.

If you cannot locate the Report TAB, then the report may have been saved as an attachment. To access this, select the Recording Properties icon within the study 👤. Select the Attachments icon within the Recording Properties Tab 📎Attachments. A Word or PDF report will be located here (Double click to open). Edit within Word and once complete, select Save in Word and all changes will be saved within the Noxturnal patient data file.
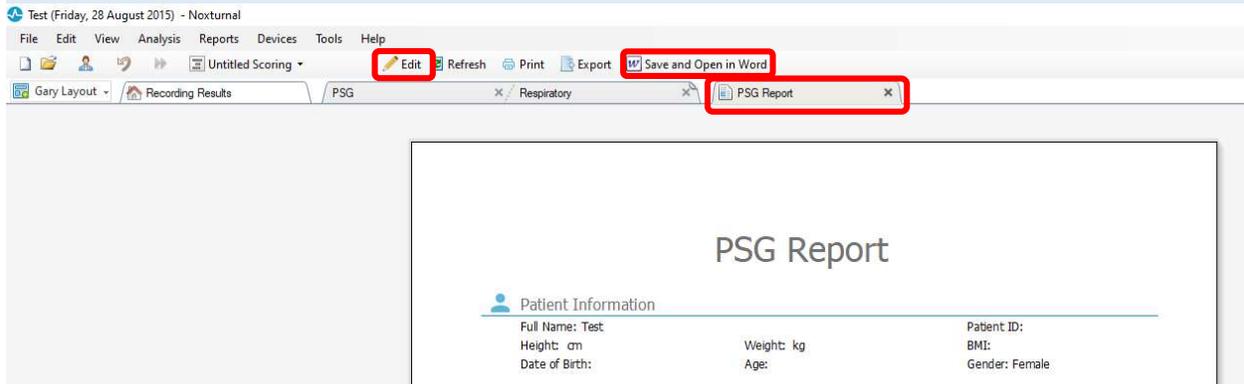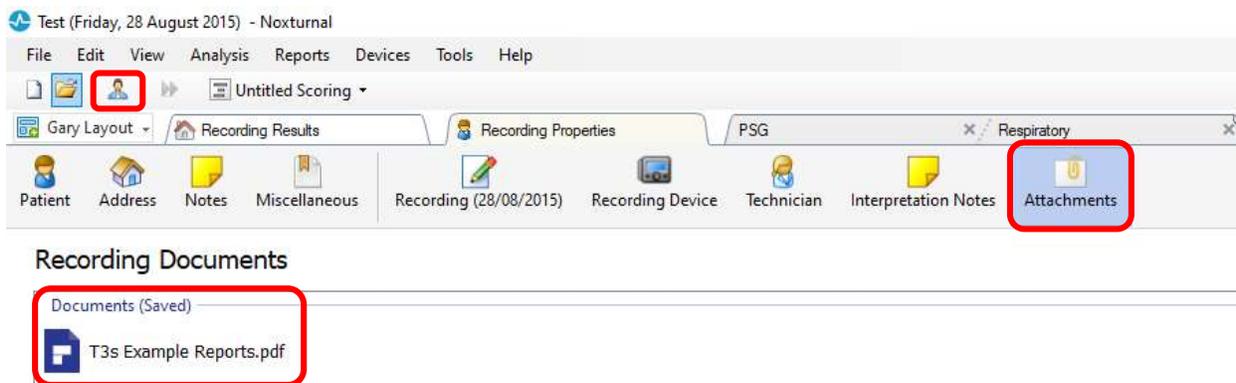
8. Close Noxturnal

To close the application either click on the X in the top right corner, or on the File menu choose Exit.