



Xltek® Trex™ HD

Patient Guide



Publisher's Notice



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XLTEK® Trex™ HD Patient Guide



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Warnings and Cautions

	Keep the Trex HD system dry and away from liquids.
	Do not use accessories or parts that are not described in these instructions as it could be unsafe.
	Do not modify this equipment!
	Strangulation can occur when long cables or tubing is used. Do not allow items to become wrapped around the neck.
	Potential allergic reactions could occur. Consult clinician on any allergies before use.
	Warning: Possibility of inhalation or swallowing of small parts. Please use with caution.
	Do not allow children or pets to play with this equipment.
	Do not use the Trex HD system when outside its patient pouch as it could be unsafe.
	Ensure a proper, comfortable fit for all sensors and electrodes. A poor fit may cause injury or poor recording.
	When using the Sony camcorder, plug into an outlet where it is not difficult to unplug if needed.
	Always inspect the equipment, particularly the cables and connectors, for evidence of wear before each recording. If evidence of wear is found, remove the worn equipment from use, and contact the healthcare professional performing your test at _____.
	For assistance in setting up the equipment, troubleshooting, or to report unexpected operations, contact the healthcare professional performing your test.

Trex HD Setup

The Trex HD unit will be pre-configured by the Healthcare professional prior to the unit being sent home. You may have devices attached which are different than shown, as it depends on the type of test being performed.

Please follow the additional instructions for recording movement and activities in the Patient Instructions and Diary (p/n 105902) provided by your Healthcare professional with this unit.

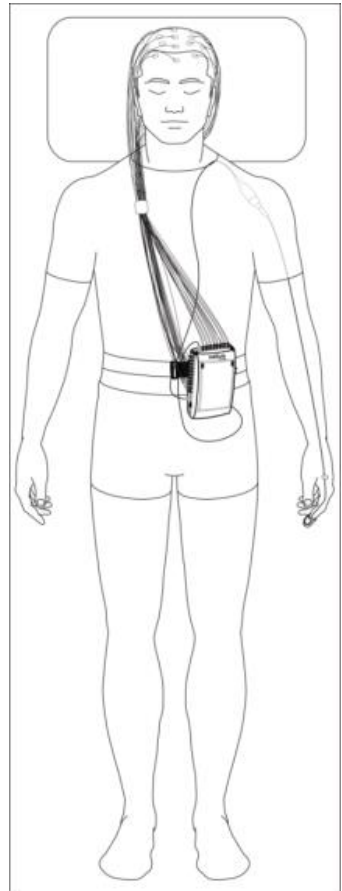
Please consult your provider with any questions.

Trex HD device LED color functionality:

- Flashing amber indicates the Trex is storing data in its flash memory.
- Flashing green indicates the battery is running low.

Setting up the Video Camera

If you have been provided with a video camera, you can set this up following the video camera setup guide provided with the system (p/n 009320 - Patient Guide for Trex™ HD Video Ambulatory Study).



Attaching the Trex HD pouch to a belt or a lanyard

Your healthcare provider will demonstrate how to secure the Trex HD pouch on your body using a belt or lanyard.

Before attaching the belt or lanyard, the Trex HD device must be placed in the pouch with the zippers closed as much as possible.



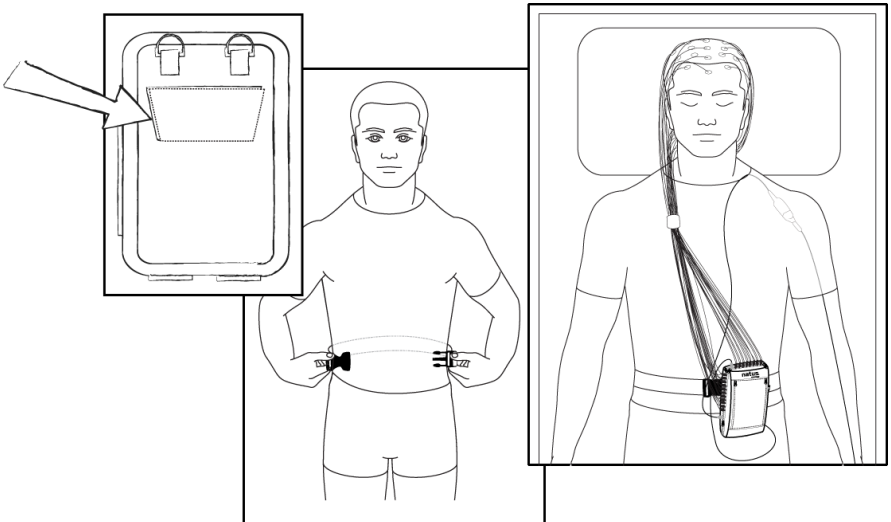
NOTE: The pouch and belt or lanyard system must be worn over top of your clothes.

NOTE: Do **NOT** place the belt/lanyard around the patient's neck.

Belt Setup

To use the belt:

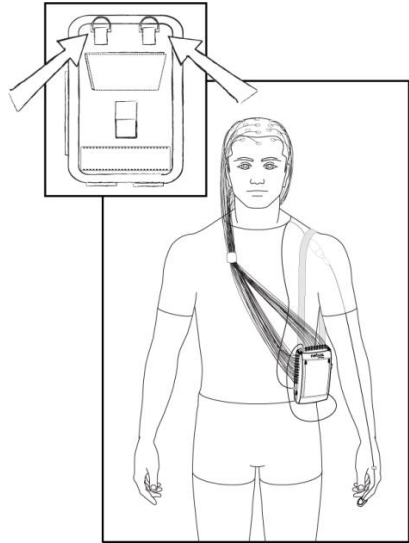
1. Attach the pouch to the belt by threading it through the back of the pouch.
2. Fit the belt snugly around your mid-section. Ensure the belt is neither too tight nor too loose and that you are comfortable.



Lanyard Setup

To use the lanyard setup:

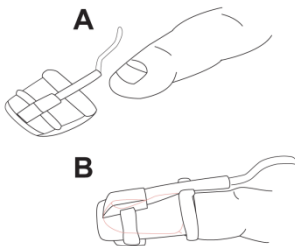
1. Attach the lanyard to the two (2) rings on the back of the pouch.
2. Place the lanyard around the patient's neck or shoulder, or hang it on the bedside post.



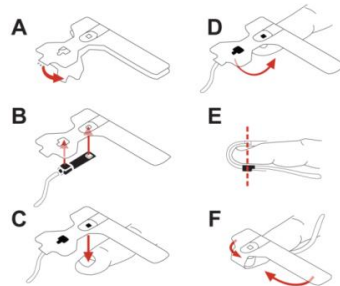
Connecting the SpO₂ Sensor

- Depending on the type of study, your healthcare provider may connect an SpO₂ sensor to the Trex HD unit.
- Attach either the Reusable or Single Use SpO₂ sensor to a clean, dry finger.

Reusable



Single Use



- It is recommended to put the oximeter cable through the patient's sleeve to minimize movement of the cable.





Connecting the Trex HD to the External Power Pack

An optional power pack can be connected to the Trex HD using a round, 5-pin connection to a standard mini-USB connector cable.

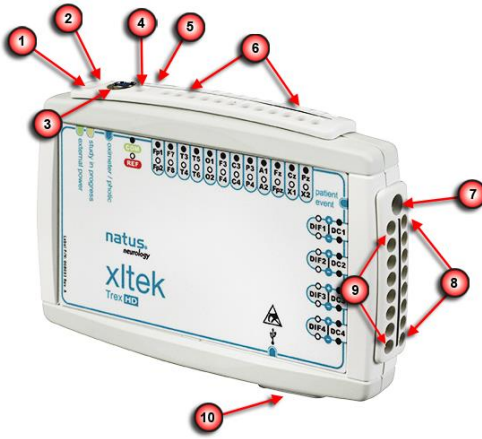
The round, 5-pin connector is plugged directly into the external battery pack, and the mini-USB connector cable is plugged into the Trex HD.

Once connected, ensure that both the Trex HD and the power pack are returned to the Trex HD pouch with the zippers closed as much as possible. They can then be worn on either a **Belt** or a **Lanyard** as described above.

External Power Pack Warnings and Cautions

	Do not open or allow water to enter battery case.
	Sealed unit-do not disassemble. No field serviceable parts inside case. Do not attempt to open the case or expose to moisture. Doing so may result in serious bodily injury or death due to electrical shock.
	Do not install the Trex HD system or use an electrical outlet within 10 feet of a swimming pool.
	For indoor use only.

Trex HD (Front View)



- 1 Power LED
- 2 Status LED
- 3 Oximeter / Photic Connection
- 4 Reference Input (forward)
- 5 Common Input (rear)
- 6 24 Referential Inputs (two rows)
- 7 Patient Event Switch Connection
- 8 DC Inputs (rear row)
- 9 Differential Inputs (forward row)
- 10 USB Connection (bottom)

Trex HD (Rear View)



NOTE: Dispose of used, non-rechargeable batteries in accordance with local regulations.

NOTES: It is strongly recommend that you use major brand name AA alkaline batteries such as Duracell® Coppertop®, Duracell Procell® or equivalent. Do not use rechargeable batteries.