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HEALTHCARE

AriaTele Telemetry Transmitter (96281)

Quick Start Guide

Spacelabs training acknowledgement

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It is recommended that you review the Operations and Service Manuals in conjunction with viewing these materials.

All data shown in this video is from Spacelabs' simulation program and is not actual patient data.

Specifications subject to change without notice.

Options

The AriaTele® Telemetry Transmitter is available in three options:

Option A: ECG only

Option B: ECG with display

Option C: ECG with display and SpO_2

Initiate telemetry monitoring

1. Prepare the patient's skin in accordance with hospital policy:
    - Remove any dirt, oils, lotions, etc., from the patient's skin by cleaning the skin with soap and water and/or an alcohol pad.
    - Remove hair in area of electrode placement.
    - Remove the dead cell layer, gently abrade the skin.
2. Attach fresh, moist electrode to the lead wires.
    Note: Spacelabs Healthcare recommends electrode replacement every 24 hours and as needed.
3. Attach the electrodes to the patient.
4. After electrodes/leads are attached to the patient, THEN insert two AA batteries into the battery compartment in the back of the transmitter.
5. The display (options B and C) shows the ECG signal within five seconds of inserting the batteries.
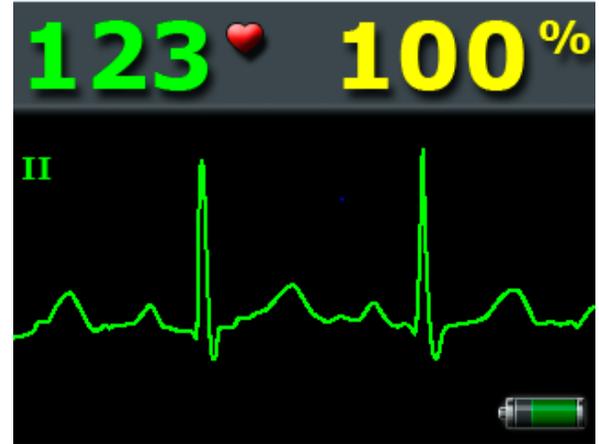
Note: Follow your current hospital protocol and workflow to admit the patient to the central station.

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Display Options (Options B and C)

- ECG HR – Green numbers with a red heart
- SpO$_2$ – Yellow SpO$_2$ % value (available on option C only)

⚠️ *Warning: Do not use the transmitter display for continuous patient monitoring. Use the display patient data only to check the signal quality of the transmitter.*

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SpO$_2$ mode (Option C)

To initiate SpO$_2$ monitoring:

1. Connect the SpO$_2$ adaptor cable to the SpO$_2$ port.
2. Place the SpO$_2$ sensor on the finger of the patient.
3. The SpO$_2$ display automatically shows on the transmitter.
   - SpO$_2$ pulse rate – yellow number with a yellow asterisk
   - SpO$_2$ value – yellow SpO$_2$ % value
   - Signal quality indicator – blue bars
   - SpO$_2$ yellow pleth waveform

There are no alarms on the telemetry transmitter!
- *Do not use the telemetry transmitter as a stand-alone oximeter.*
- *All alarm setting and annunciation occurs at a central station or bedside monitor equipped with a 90478 receiver module or at the Xhibit Central Station (96102) used with Xhibit Telemetry Receiver (96280).*

*Note: SpO$_2$ value and quality indicator automatically show on the Xhibit® Central Station when the SpO$_2$ cable is connected to the transmitter. To show SpO$_2$ on Ultraview SL® monitors, select **ECG > CHANNEL FORMAT > SpO₂ ON/OFF**. SpO$_2$ pleth waveform will not be seen at the Xhibit.*

Lead fault indicators

Lead fault Indicators on the top front of the transmitter flash orange when a lead wire is disconnected from the electrode or removed from the transmitter.

Up and down controls (Options B and C)

To show waveform views:
1. To activate the display, press and hold the up and down arrow buttons until the screen turns on, about three seconds.
2. Press the down arrow button to scroll through the waveform views in the order that follows:

     Lead II -> V -> Lead I -> Lead III -> SpO$_2$
3. To scroll through the waveform views in reverse order, press the up-arrow button.
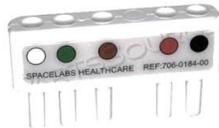
Note: The display turns off after 60 seconds of inactivity.
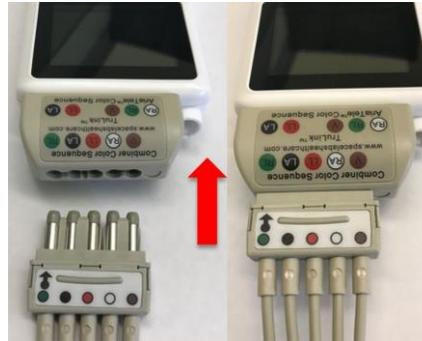
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Lead wire grouper and combiner adapter

The lead wire grouper and combiner adapter connect all lead wires to the AriaTele Telemetry Transmitter at once. You can use the transmitter with or without the lead wire grouper or combiner adapter.

Lead wire grouper

Combiner adapter used with the lead wire grouper

Combiner adapter

Action Button

To generate a patient event/ECG strip recording:

Press and hold the action button for approximately two seconds.
- Lead fault indicators blink on and off twice.
- On the Xhibit Central Station, the Patient Event message shows in the waveform zone.
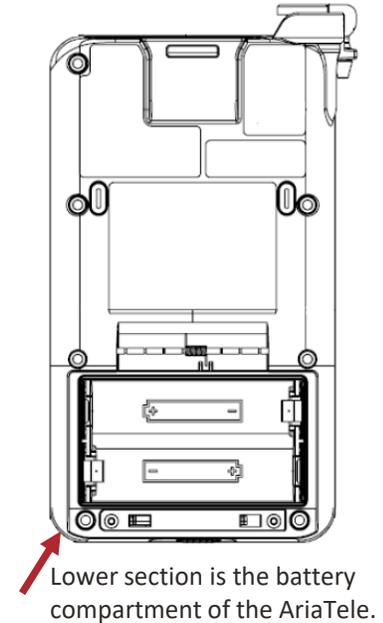
Note:
 The Action Button may or may not be activated in the default settings. This setting can be adjusted individually at the Xhibit Central Station.

Battery status indicator

When the transmitter batteries are low:
- The battery icon on the display turns red (Options B and C).
- The low battery LED flashes orange and display is not accessible when approximately one hour of battery life remains.
- A **Low Battery** message shows at the central station.
- Battery compartment shown in the far-right image.

Lower section is the battery compartment of the AriaTele.

Note: Remove the batteries when the transmitter is not in use.

Cleaning and Disinfecting

LCD display

Clean the display with a soft cloth moistened with either 70% isopropyl alcohol solution or soapy water. Follow your hospital protocol for the handling of blood and body fluids.

Before cleaning the transmitter, ensure the battery cover is closed.

Use only the following cleaning solutions:
- Mild soap and water solution
- U.S. Pharmacopoeia (USP) green soap
- Sodium hypochlorite solution (1:10 dilution of household chlorine bleach in water)
- Isopropyl alcohol (70% solution)
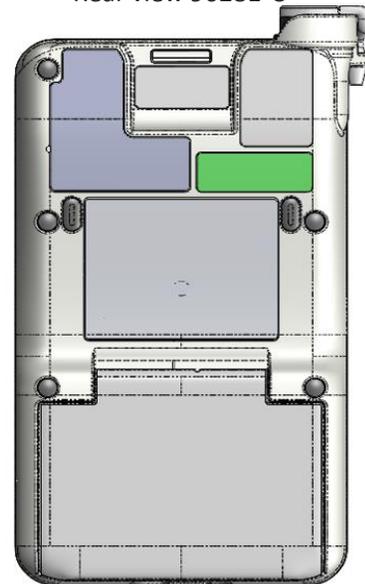- PDI Sani-Cloth Bleach (sodium hypochlorite 0.63%)

Transmitter's battery compartment:

Use **ONLY** isopropyl alcohol (70% solution) inside the battery compartment.

Lower section is the battery compartment of the AriaTele.

⚠️ *CAUTION: Do not use Accelerated Hydrogen Peroxide (AHP) and quaternary ammonia-based products. Quaternary ammonia germicidal products include Cavicide, Virex, Virex 256, phenolic germicidal detergents, SaniCloth, and SaniCloth Plus. Do not autoclave.*

Note: This document is intended as a quick start guide foe the AriaTele Telemetry Transmitter. For more detailed information, refer to the AriaTele Telemetry Transmitter Operations Manual (P/N 070-2407-xx)

Contact Information

Technical Support: **1-800-522-7025** Available 24 hours a day and 7 days a week.

Field Service Engineer: _____

Clinical Education Consultant: _____

Sales Representative: _____