

 FeelTest

Tight Alright

Instructional Guide

United Kingdom



FeelTect's **Tight Alright** system is designed to guide consistent application and maintenance of targeted compression therapy. This guide describes the setup of the technology, as well as the different use cases for applying, checking, and topping-up compression.

If you have any questions please contact:
info@feeltect.com

Intended Use Statement

The Tight Alright system is to be used exclusively to indicate the pressure exerted by compression products (e.g. bandages, wraps, stockings, and other compression garments) on the lower legs of patients, using a wearable pressure sensing device and associated software programs (mobile app and web app) furnished by FeelTect Limited. Tight Alright must be used exclusively by appropriately trained healthcare personnel or an appropriately trained patient/carer under the care of appropriately trained healthcare personnel.

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1. Quick Start

- 1.1 Tight Alright Components
- 1.2 Additional Components
- 1.3 Device Setup
- 1.4 Pressure Reading

1.1 Tight Alright Components



Android App Store



iOS App Store



1. **Mobile App** – Android or iOS smart devices (not provided) can be used to download the Mobile App by scanning QR codes shown. If possible, ensure Smart Device is connected to the internet for remote data transmission.

2. **Transmitter Device**
– Houses electronics for receiving and transmitting data.

1.1 Tight Alright Components (contd.)



3. **Sensor Device** – Contains three pressure sensing regions.



4. **Adhesive Strip** – Holds device in place during application.



5. **Charging Device & Electrical Cord** – Recharges Transmitter Device when not in use.

1.2 Additional Components



1. **Compression Product** – May be any existing product indicated for compression therapy, including bandages or other garments.



2. **Measuring Tape** – Used to measure the circumference of the leg at sensing points.



3. **Non-Compressive Stockinette** – Forms barrier layer between Tight Alright device and the leg.



4. **Non-Compressive Padding** – Forms comfort layer between Tight Alright device and the leg.

1.3 Device Setup



1. Attach Sensor Device to Adhesive Strip (see *Section 1.1*).



2. Attach Transmitter Device to Sensor Device (see *Section 1.2*).



3. Power on Transmitter Device (see *Section 1.3*).

1.4 Pressure Reading



1. Pair Mobile App and set up user preferences (see *Sections 1.4-1.6, 2.5*).



2. Attach device to barrier/comfort layers (see *Sections 2.1-2.3*).



3. Apply targeted compression with pressure monitoring (see *Sections 2.6-2.10, 3.1-3.6, 4.1-4.6*).

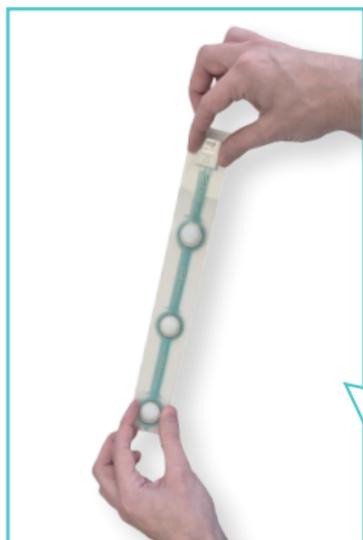
2. Detailed Setup

- 2.1 Sensor Device Adhesion
- 2.2 Connecting Transmitter Device
- 2.3 Powering Transmitter Device
- 2.4 Pairing the Mobile App
- 2.5 Setting Preferences
- 2.6 Recording Leg Sizes

2.1 Sensor Device Adhesion



1. On the face of the Adhesive Strip showing outlines, remove each of the four liners covering adhesive regions.



2. Adhere the Sensor Device to the Adhesive Strip, white domes facing outwards, ensuring the connector region of the Sensor Device aligns with the square outline of the Adhesive Strip.



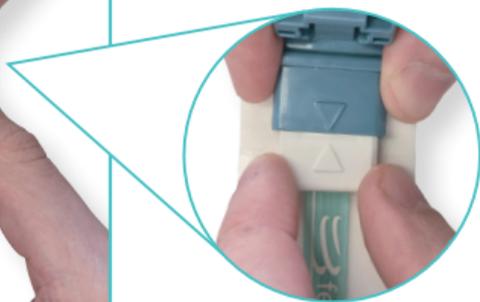
2.2 Connecting Transmitter Device



1. Orient Transmitter Device so hinge opens away from the Sensor Device and insert Sensor Device into Transmitter device (avoid forcing).



2. Ensure the arrows on the Sensor Device and Transmitter Device meet.



2.3 Powering Transmitter Device



1. Press the grey button on the nose of the Transmitter Device.



2. Flashing green light indicates ready for pairing with Mobile App.



2.4 Pairing the Mobile App

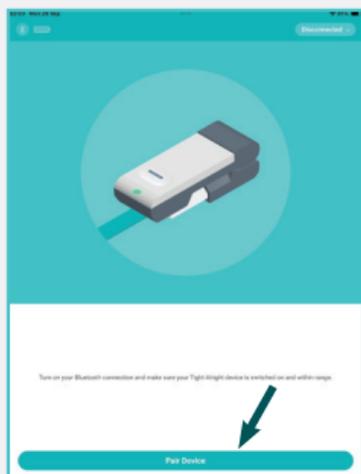


1. Select Tight Alright Mobile App icon on chosen smart device.

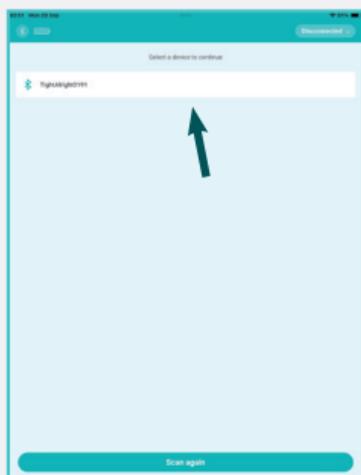


2. Press **Continue** to skip introductory screens.

2.4 Pairing the Mobile App (contd.)

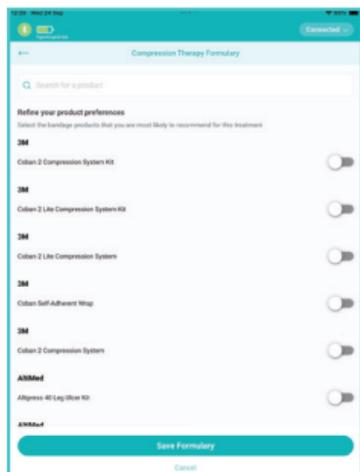


3. Click **Pair Device**.



4. Click the unique identifier code (printed on the underside of the Transmitter Device).

2.5 Setting Preferences



1. Input your formulary of compression products (optional).



2. Access Settings on Home screen to make further modifications to any preferences.

2.5 Setting Preferences *(contd.)*



3. Changes can be made to **Language, Consent, or Compression Formulary**, while **Reset Settings** will unpair Mobile App and reset default options.

2.6 Recording Leg Sizes



1. Click **Measure Your Leg Size** on **Home** screen.



2. Use a Tape Measure to measure the circumference of the leg that is having compression therapy applied. Start by measuring above the ankle bone, at the lowest sensing region.

2.6 Recording Leg Sizes (contd.)



3. Measure the circumference mid-way up the leg, where the Achilles tendon meets the calf muscle, which will be the middle sensing region.



4. Measure the circumference at the widest point of the calf muscle, which will be the highest sensing region.



5. Enter measured leg sizes in corresponding locations on the Mobile App and click **Save Leg Measurements**.

3. Compression Application

- 3.1 Barrier & Comfort Layers
- 3.2 Adhesive Strip Preparation
- 3.3 Sensor Placement
- 3.4 Checking Sensors
- 3.5 Setting Pressure Markers
- 3.6 Compression Application
- 3.7 Finishing Application
- 3.8 Remote Data Transmission
- 3.9 Remove/Charge Transmitter

3. Compression Application

3.1 Barrier & Comfort Layers



1. Apply a non-compressive stockinette to the leg as a barrier layer, ensuring the top edge of the stockinette finishes above the knee cap.

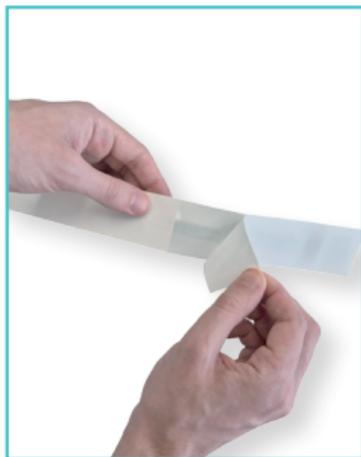


2. Apply a non-compressive padded bandage, as a comfort layer, ensuring the top edge of the padded bandage finishes just below the kneecap.

3.2 Adhesive Strip Preparation



1. Detach the Transmitter Device from the Sensor Device and place Transmitter Device to one side (do not turn off).



2. Remove the liner on the back side of the Adhesive Strip, using the mid-length break in the liner, exposing the adhesive backing.

3.3 Sensor Placement



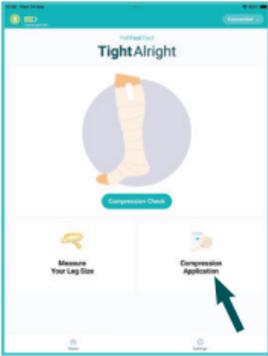
1. Adhere the Adhesive Strip, along the length of the leg (medial or lateral), ensuring top of Sensing Device is in line with intended top level of compression product.

Intended
finish point of
compression
product.



2. Reattach Transmitter Device to Sensor Device, ensuring hinge is in the open position.

3.4 Checking Sensors



1. On **Home** screen, click **Compression Application**.



2. Check Sensor Device function by gently pressing on sensors and observing pressure readings on Mobile App.



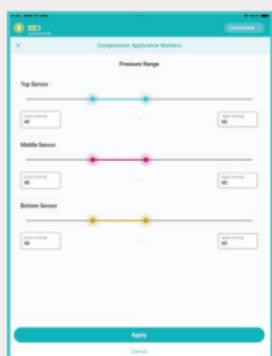
3. Pressures that are below 15 mmHg will be displayed as "Low".

3. Compression Application

3.5 Setting Pressure Markers



1. Click **Set Range** on the **Compression Application** screen.



2. Adjust markers at each sensor position to match range of interest (between 15 mmHg and 100 mmHg).



3. Click **Apply**.

3.6 Compression Application



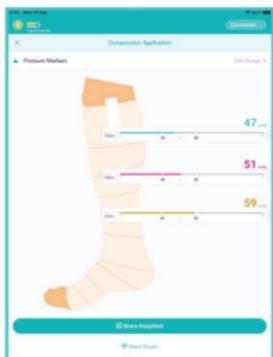
1. Apply compression product as per manufacturer's instructions.



2. Watch the pressure values as you apply compression.

More Pressure: increase bandage tension and/or overlap of layers.

Less Pressure: decrease bandage tension and/or overlap of layers.



3. Ensure pressure is within range for each sensor (numbers shown in **colour** when in range).

3. Compression Application

3.7 Finishing Application



1. Continue applying compression up to the level where the Sensor Device meets the Transmitter Device.



2. Secure the compression product and close the hinge of the Transmitter Device.



3. Perform appropriate clinical checks to ensure adequate blood circulation and any other signs of risk to patient safety.

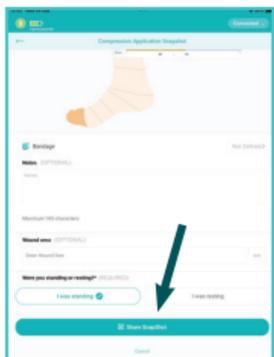
3.8 Remote Data Transmission



1. Ensure the Smart Device is connected to the internet before clicking **Share Snapshot**.



2. Enter details relating to compression products, notes, and wound size.



3. Select **I was standing** or **I was resting** before clicking **Send Snapshot** and transmitting data to FeelTect's secure cloud database.

3. Compression Application

3.9 Remove/Charge Transmitter



1. Detach the Transmitter Device from the Sensor Device and fold down the non-compressive stockinette over the top of the Sensor Device to secure.



2. Power off the Transmitter Device by pressing the grey button for approximately 3 seconds.



3. Place the Transmitter Device in the Charging Station.

4. Compression Check

- 4.1 Connecting Transmitter
- 4.2 Pairing the Mobile App
- 4.3 Remote Data Transmission
- 4.4 Checking if Pressures in Range
- 4.5 Removing Transmitter
- 4.6 Turning Off Device

4. Compression Check

4.1 Connecting Transmitter



1. Attach Transmitter Device onto Sensor Device. Hold connector region on Sensor Device and avoid forcing.



2. Press the grey button on the nose of the Transmitter Device. Flashing green light indicates ready for pairing with Mobile App.

4.2 Pairing the Mobile App



1. Select Tight Alright Mobile App icon on chosen smart device.



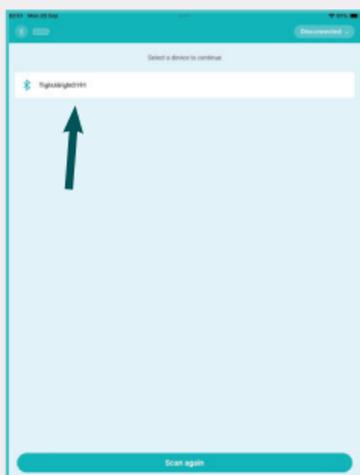
2. Press **Continue** to skip introductory screens.

4. Compression Check

4.2 Pairing the Mobile App (contd.)



3. Click **Pair Device**.



4. Click the unique identifier code (printed on the underside of the Transmitter Device).

4.3 Remote Data Transmission



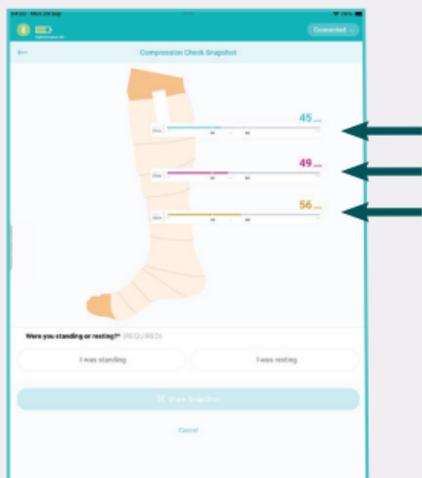
1. Ensure the Smart Device is connected to the internet before clicking **Share Snapshot**.



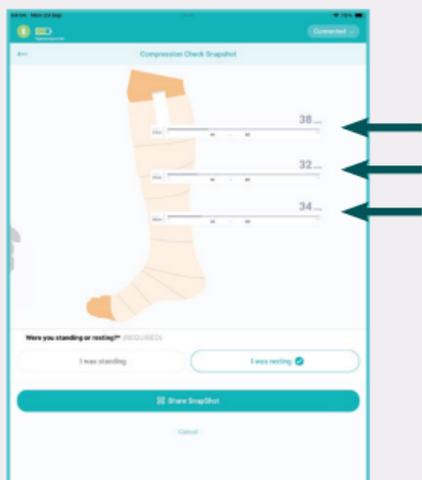
2. Select **I was standing** or **I was resting** before clicking **Send Snapshot** and transmitting data to FeelTect's secure cloud database.

4. Compression Check

4.4 Checking if Pressures in Range



1. Check if pressures are within range for each sensor. If pressures are in range, numbers are shown in **colour**. Go to Step 4.5.



2. If pressures are out of range, numbers are shown in grey. Return to **Home** screen and go to Step 5.1.

4.5 Removing Transmitter



1. Detach the Transmitter Device from the Sensor Device.



2. Fold down the non-compressive stockinette over the top of the Sensor Device to secure.

4.6 Turn Off Device



1. Power off the Transmitter Device by pressing the grey button for approximately 3 seconds.



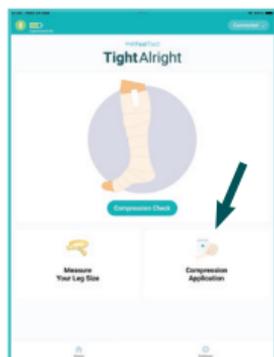
4. Place the Transmitter Device in the Charging Station.



5. Compression Top-Up

- 5.1 Checking Sensors
- 5.2 Securing the Base
- 5.3 Compression Application
- 5.4 Finishing Application
- 5.5 Remote Data Transmission
- 5.6 Removing Transmitter
- 5.7 Turning Off Device

5.1 Checking Sensors



1. After confirming pressures are not in range (see Section 4 - Compression Check), click **Compression Application** on the **Home** screen.



2. Check Sensor Device function by gently pressing on sensors and observing pressure readings on Mobile App.



3. You should see pressure bars on Mobile App changing when you press the sensors.

5.2 Securing the Base



1. Select a clinically approved cohesive bandage compression product.



2. Start the bandage at the ankle area (bottom sensor).



3. Complete a full loop around the leg, securing the bandage start point.

5.3 Compression Application



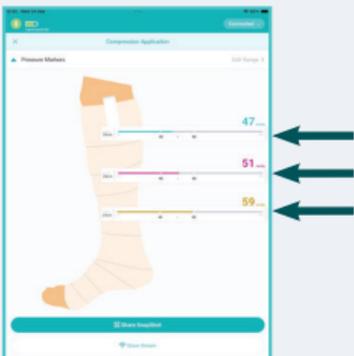
1. Continue applying compression up the leg in a spiral configuration.



2. Watch the pressure values as you apply compression.

More Pressure: increase bandage tension and/or overlap of layers.

Less Pressure: decrease bandage tension and/or overlap of layers.



3. Ensure pressure is within range for each sensor (numbers shown in **colour** when in range).

5.4 Finishing Application



1. Continue applying compression up to the level where the Sensor Device meets the Transmitter Device.



2. Secure the compression product and close the hinge of the Transmitter Device.



3. Perform appropriate clinical checks to ensure adequate blood circulation and any other signs of risk to patient safety.

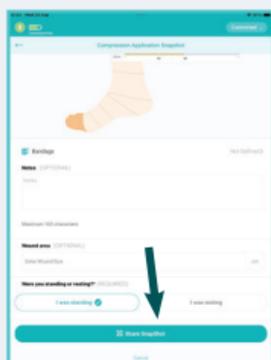
5.5 Remote Data Transmission



1. Ensure the Smart Device is connected to the internet before clicking **Share Snapshot**.



2. Enter details relating to compression products, notes.



3. Select **I was standing** or **I was resting** before clicking **Send Snapshot** and transmitting data to FeelTect's secure cloud database.

5.6 Removing Transmitter



1. Detach the Transmitter Device from the Sensor Device.



2. Fold down the non-compressive stockinette over the top of the Sensor Device to secure.

5.7 Turning Off Device



1. Power off the Transmitter Device by pressing the grey button for approximately 3 seconds.



4. Place the Transmitter Device in the Charging Station.



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