mediscan Belt Manual

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gense

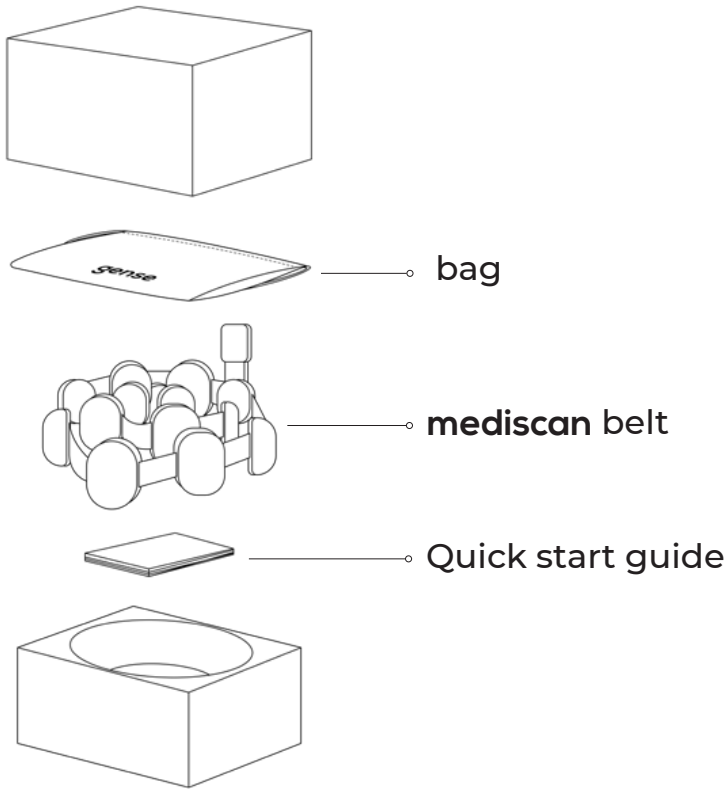
About gense - mediscan

Gense offers an affordable and portable self-help medical imaging device for in-depth health monitoring and preventive screening at home and clinics. The device targets some of the costliest diseases' early detection and chronic disease monitoring, specifically in lung, liver, kidney and more.

Note
The Gense medical device is not intended for diagnosis. It is intended only as an adjunct in patient assessment. It must be used in conjunction with clinical signs and symptoms. Please consult your doctor for clinical diagnosis if needed. You should contact Gense immediately if any serious incident occurs.

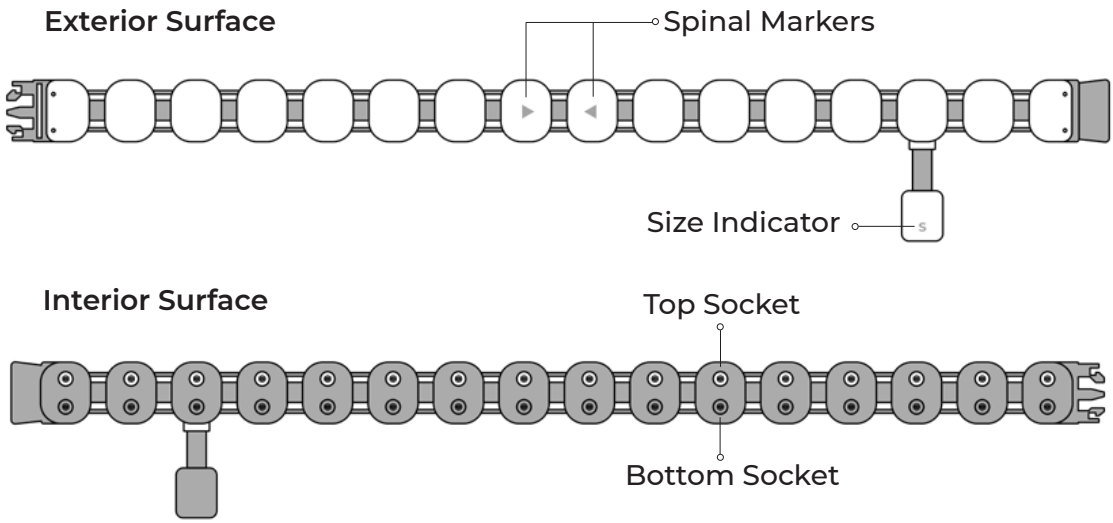
01 Equipment Guide

1.1 What's in the mediscan belt box?



1.2 mediscan belt

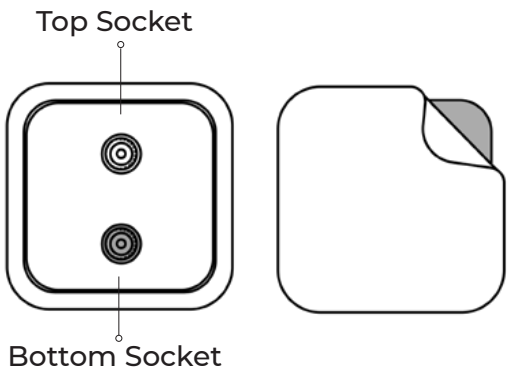
Size	Circumference
mediscan belt - S	65-80 cm
mediscan belt - M	80-100 cm
mediscan belt - L	100-115 cm



1.3 To use with gense provided electrodes

4 x 4 cm Gel Electrodes (for mediscan belt - M & L size)

4 x 3 cm Gel Electrodes (for mediscan belt - S size)

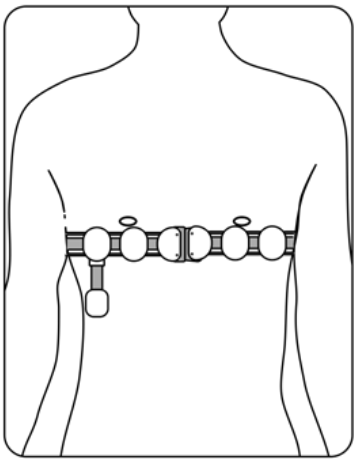


02 mediscan Belt Wearing Guideline

Belt wearing position

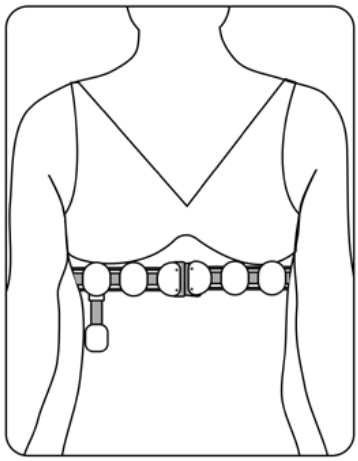
Lung Test

Male



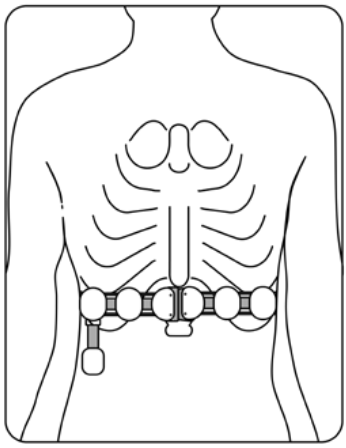
Below nipples

Female



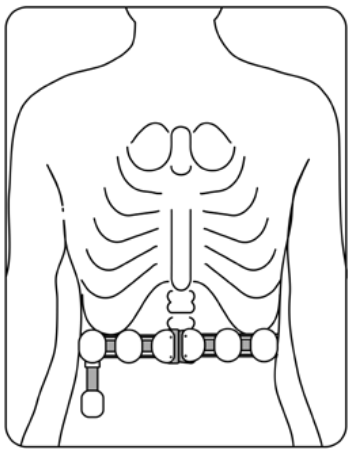
Under the edge of the bra

Liver Test



2 fingers above the lowest rib

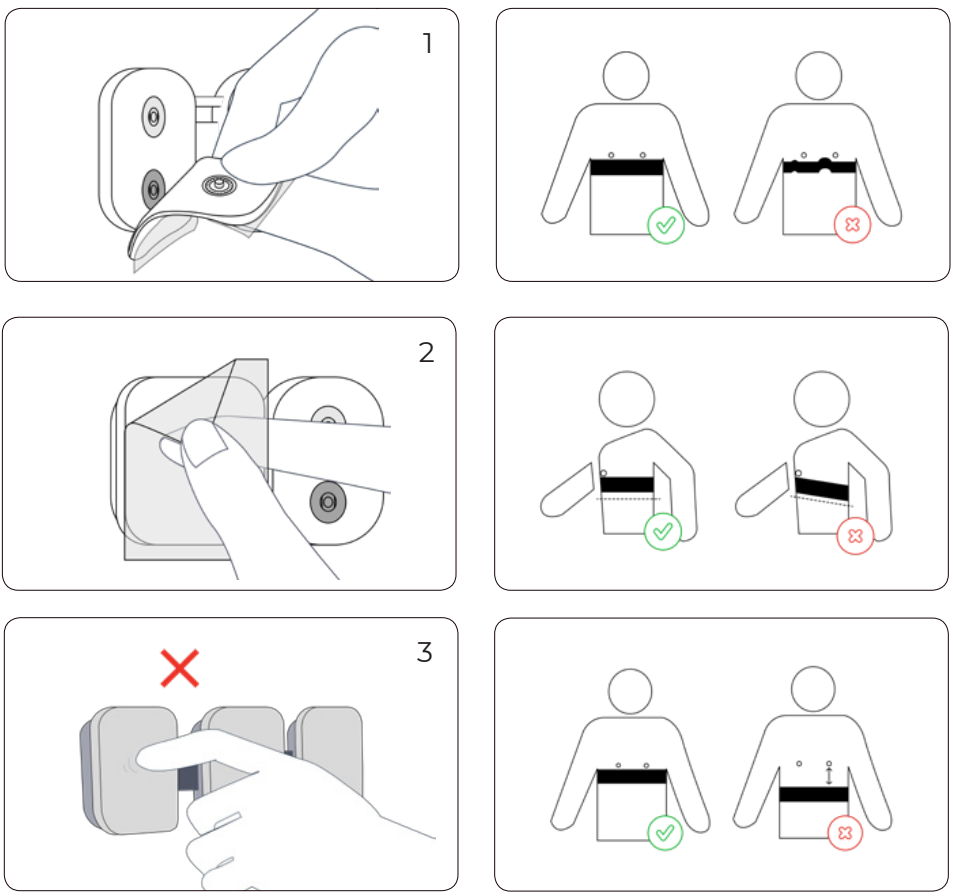
Kidney Test



Below the tip of the lowest rib

Reminders for wearing mediscan belt

- Keep the belt in horizontal position and make sure the electrodes are attached completely on skin.
- Electrodes should be equally distanced and should not touch each other.
- Do not touch the electrodes with your hands.
- Do not stick the attached electrode to your clothings.
- Electrodes are for single-use only. Do not reuse the electrodes.



*Belt-wearing instructions will be different due to lung, liver and kidney tests. Please refer to the gense-app for details.

Safety information for use

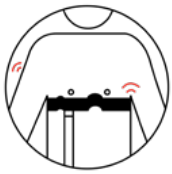
- Do not use with a pacemaker or defibrillator.
- Do not use if you are pregnant.
- Do not perform measurements with broken device/belt/cable/electrodes.
- Do not place the electrodes on open wounds or scars.
- Do not wear the mediscan belt on peeling skin or sweaty body.
- Notice: Factors shown below may lead to wrong measurement

Belt worn incorrectly

Outdated biometrics

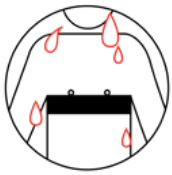
Wrong user profile

Defective/ expired electrodes

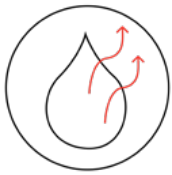


Lose electrode contact during test

Unsuitable power adapter used



Sweat on skin



Dry skin

Scars

View our demo video

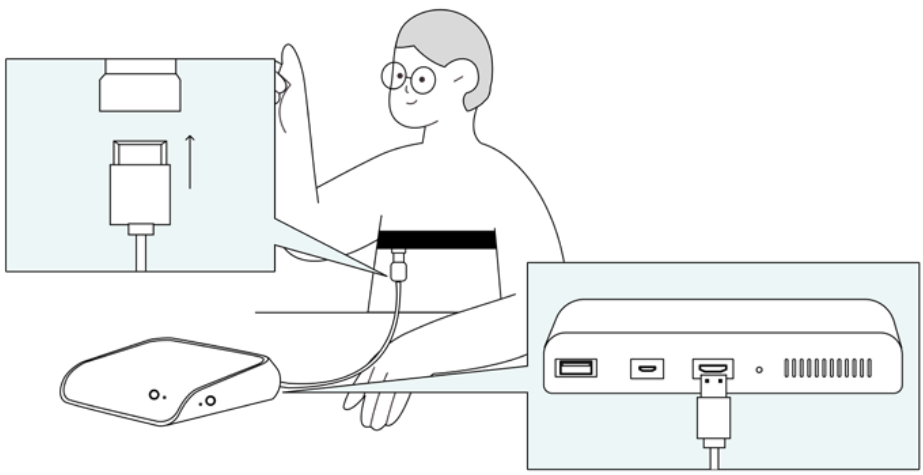
For further information, please go to

https://www.gensetechnologies.com/support

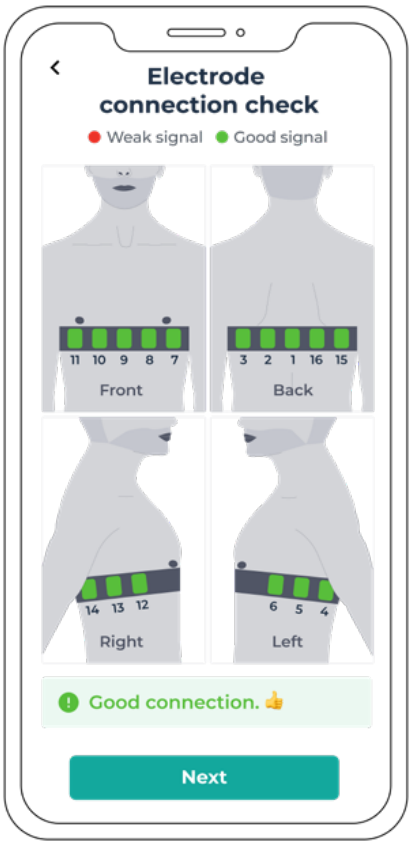
Note: This quick start guide may not be the most updated version. Please visit our website for more updated instructions and guidelines.

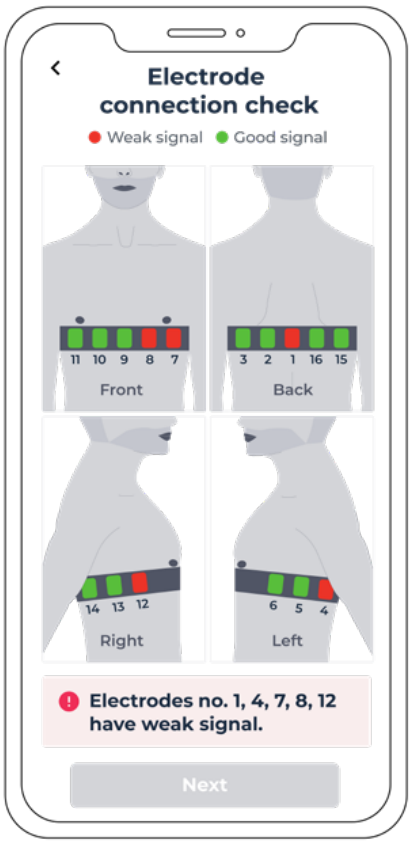
03 Finish Setup & Start a Test

1. Connect the mediscan belt to mediscan device with the provided Mini-HDMI to HDMI cable.



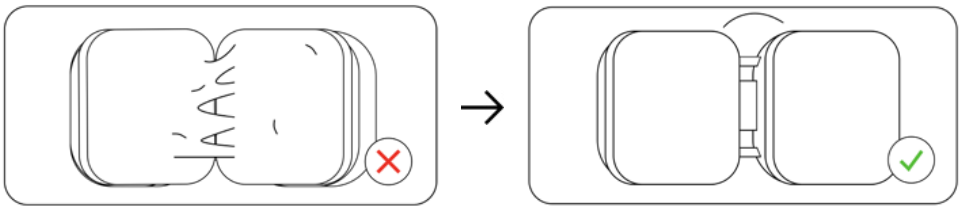
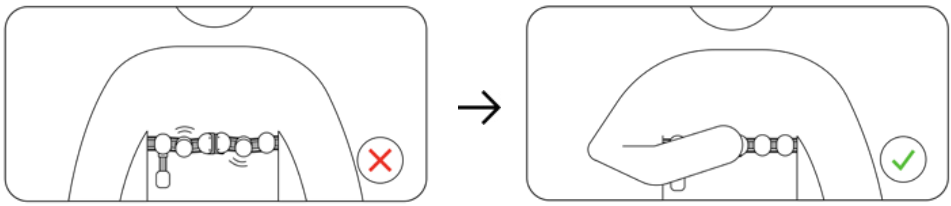
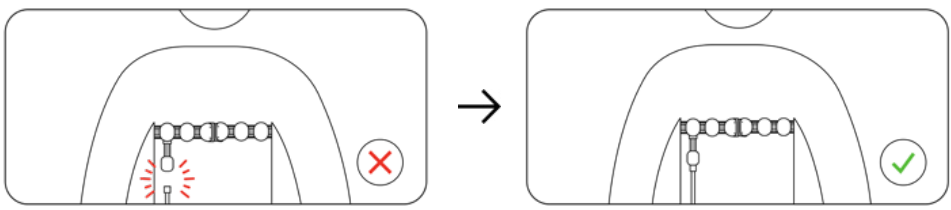
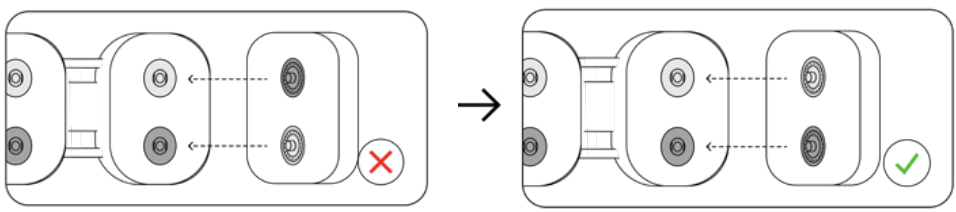
2. Connect to you mobile and use gense-app to do the real-time 'Electrode connection check".





- If the electrode numberings are in green, the electrode receives good signals.
- If the electrode numberings are in red, the electrode receives weak signals.

If receiving weak signals, do the following checks:

Possible issues	How to adjust
 Electrodes are folded or sticking to themselves or adjacent electrodes	Separate the electrodes and make sure they do not stick with each other before re-attaching them to the skin
 Electrodes are loosely attached to your skin	Adjust or press the electrode until the entire electrode sticks firmly on the skin
 Electrode is disconnected from the electrode socket holder on the belt	Attach the electrode to the electrode socket on the belt
 Orientation of electrode pad is incorrect	Match the silver button to the top socket of the mediscan belt, and the black button to the bottom socket

FAQs

General

Q. Who is not eligible to use the device?

A. Individuals who meet one or more of the following criteria should not be examined using the mediscan device:

- Experienced any kind of recent surgery or transplantation on the designated areas.
- Has infected, inflamed, or damaged skin or open wounds or lesions on the designated area.
- Has implanted electronic devices.
- Has spinal diseases or discomfort
- Obese person with BMI> 35
- Has uncontrollable involuntary body movements caused by degenerative disorders(e.g. Alzheimer's and Parkinson’s disease), seizure disorders (e.g. epilepsy, stroke, neuroleptic drugs) and neurological disorders (e.g. Tardive dyskinesia and cerebral palsy, tremors, myoclonus, tics, athetosis, etc.)
- Pregnant women

Q. Who has access to my medical data and records?

A. When the tests are done, the online medical reports will be generated and shared with you (user-specified healthcare provider) via a secured cloud platform. Personal data would not be disclosed to the public or given to a third party unless consent is given by the user or is required by law.

Belt Wearing

Q. How do I place the belt correctly for the best results?

A. Remove all articles of upper clothing and tie up loose strands of hair.

- Every electrode should be in contact with the designated area of the skin.
- Wrap the belt straight and horizontally around the designated area, parallel to the ground.
- Align the marked electrode to your spine, and make sure the cable port is facing downwards and is located on the front of your right-hand side.
- Ensure that skin is clean and dry.
- Ensure the adhesive of the electrodes contact the designated body area only.
- Replace electrodes if the adhesive is torn, damaged, or no longer sticky.
- Ensure the electrodes are not overlapped or folded.

General Maintenance

Q. Should I reuse the electrodes after the test?

A. No. The electrode is designed for one-use only. Reusing the electrode may lead to inaccurate measurement and exposed unwanted adverse risk.

Q. How can I dispose the used electrodes?

A. The used electrodes can be disposed as general waste.

Q. How can the user clean the mediscan belt?

A. The mediscan belt shall be cleaned with general water wipes and alcohol wipes. Do not wipe with saline, detergent, and do not rinse with water.

*Note that the results are a health referencing tool that assesses your risk factors. The results can be used to infer biomarkers of your diseases but should not be interpreted as a diagnosis. Please consult healthcare professionals regarding medical or health-related diagnoses or treatment options.

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