

### WARRANTY CARD

Model No.:..... Lot No.:.....

Invoice No.:..... Date of Purchase:.....

Purchased By:..... Contact No.:.....

Address:.....

Dealer's Name:.....

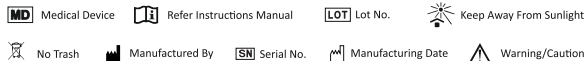
Dealer's Sign & Stamp

\* Terms & Conditions apply

Passim Lifesciences Ltd. warrants this units free of any defect in material, workmanship and operation, under normal use, for a period of one year from the date of purchase. If any part become defective during the warranty period Passim Lifesciences Ltd. will repair or replace (if not repairable) the same, free of cost. This shall not apply to any parts that are considered as expandible or deteriorable in the course of normal use. Passim Lifesciences Ltd. shall be relieved of any liability and warranty shall cease to apply if :

- This is not used in accordance with the instructions in the operational manual.
- It is used with any equipment not complying with the specification of this unit.
- It is not regularly maintained.
- The unit is disassembled, repaired or operated by person not authorized by Passim Lifesciences Ltd.
- Damage caused due to negligence.
- The unit is operated in corrosive materials or in the harmful atmosphere.
- The warranty card is not filled completely and produced at the time of warranty claim.

#### Symbols



#### Manufactured by:

**Passim Lifesciences Ltd.**

Plot No. 45, Ind. Area, Phase -II, Panchkula -134113, Haryana- INDIA

File No.: Passim-Panch-HR/M/MD/010152

For any Complaint/ Suggestion please contact:

Customercare Number: 1800 309 3009, Timing: 9am-7pm, Mon. - Sat.

Email ID: customercare@droidin.in, Website: www.droidin.in

IM/OST/10-00



## Dual Head Stethoscope

MODEL NO. - OST003

## INSTRUCTION MANUAL



Please read instruction manual before use

Thank you for choosing Dual Head Stethoscope Model OST003.

Please take a moment to review this manual to become familiar with the recommended practices for using and caring for your stethoscope. Read instructions carefully before using and save for future reference.

#### **Intended Use:**

A stethoscope is used to detect and study heart, lung, stomach, and other sounds in adult humans, human fetuses, and animals. Using a stethoscope, the listener can hear normal and abnormal respiratory, cardiac, pleural, arterial, venous, uterine, fetal and intestinal sounds. Stethoscope is an acoustic medical device for auscultation, or listening to the internal sounds or heart beats of human body.

#### **Description of Device:**

The chest piece with dual head made up of stainless steel . Headset frame made up of stainless steel material and ear knob made up of soft PVC, tube are normal U shape and made up of PVC material . The chestpiece with dual head equipped with both side diaphragm. This is used for listening low and High frequency sound of organ. The Stethoscopes with headsets are ergonomically pre-angled. The headset are anatomically adjustable for best fit, comfort, and sound transmission. A headset adjusted to a 15° forward angle is standard, and should be fit with the ear knob pointed away from you if it is held directly in front of you. The dual-head chestpiece with both side diaphragm for detecting high-frequency sounds, and a bell side for detecting low-frequency sounds. According to the auscultation need, simply turn the fully-rotational acoustic valve stem to select the proper side of the chestpiece . Hold the chest piece firmly against the desired auscultation location on the patient's external thoracic region. Prior to each use, make sure all parts are properly connected. The product is Supplied in a cardboard box with replacement diaphragms (large and small) and 1 pair of replacement earpieces.

#### **Instructions for Use:**

##### **Adjust your stethoscope's earpieces :**

Place the Stethoscope in Your Ears . The stethoscope headset is angled to complement the anatomy of the typical ear canal and is designed to provide a comfortable, acoustically sealed fit. The ear knob should point in a forward direction as you insert them into your ears. It is important to make sure that the earpieces are facing forward and that they fit well. Otherwise, you might not be able to hear anything with your stethoscope. Make sure that the earpieces are facing forward. If you put them in backwards, you won't be able to hear anything. Make sure that the earpieces fit snugly and have a good seal to keep out ambient noise. If the ear pieces don't fit well, most stethoscopes have removable earpieces.

##### **Check the earpiece tension on your stethoscope :**

In other words, make sure that the earpieces are close to your head but not too close. If your earpieces are too tight or too loose, readjust them. If the earpieces are too loose, you may not be able to hear anything. To tighten the tension, squeeze the headset near the earpieces. If the earpieces are too tight, they might hurt your ears and you might have a hard time using your stethoscope. To reduce the tension, pull the headset apart gently.

##### **Decide whether to use the diaphragm or bell :**

The diaphragm, or flat side of the drum, is better for hearing medium- or high-pitched sounds. The bell, or round side of the drum, is better for hearing low-pitched sounds. Listen to low and high frequency sounds both sides of the chestpiece are equipped with the diaphragm that enables you to emphasize either low or high frequency sounds by simply adjusting the pressure applied to the patient.

#### **How to listen Sound :**

**Step 1:** Select a quiet place to use your stethoscope. Use your stethoscope in a quiet place. Find a quiet area to ensure that the body sounds you want to hear will not be overpowered by background noises.

**Step 2:** Request for your patient to be appropriately disrobed. Having your stethoscope chest piece placed directly on your patient's chest or back will eliminate distortions and frictional noise from clothing. Use the stethoscope on bare skin to avoid picking up the sound of rustling fabric. If your patient is a man with chest hair, keep the stethoscope still to avoid any rustling sounds.

**Step 3:** Position your patient: To listen to the heart and abdomen, your patient get into a supine position. To listen to the lungs, your patient to sit up . In other words, ask your patient to lie down. Heart, lung, and bowel sounds may sound different depending on the patient's position: i.e., sitting, standing, lying on one's side, etc. Examining your patient while he or she is supine, seated, and in left lateral recumbent positions will help you hear different sounds, especially abnormal ones, by accentuating them in different positions.

**Step 4:** Repeat the steps using a stethoscope bell to help you listen for heart murmurs. Stethoscopes with both a bell and a diaphragm are recommended for this.

#### **Warning and safety instruction:**

- Avoid extreme heat, cold, solvents, and oils
- The entire stethoscope can be wiped clean with alcohol or soapy water . It is a best practice to use a disposable wipe when cleaning the stethoscope to remove organic material.
- EarKnob can be removed from the eartubes for thorough cleaning.
- Do not immerse your stethoscope in any liquid or subject it to steam sterilization. If disinfection is required, the stethoscope may be wiped with a 70% isopropyl alcohol solution.
- Clean stethoscope thoroughly before each use.
- Use clean cotton cloth and isopropyl alcohol solution to cleanse all soiled parts.
- To remove the eartips from the headset, pull firmly. To assemble the ear knob, push the small side of the ear knob firmly onto the eartube until it snaps fully into place.
- Do not immerse your stethoscope in any liquid. Do not subject your stethoscope to any sterilization process. Avoid storing your stethoscope in extreme heat.
- Avoid prolonged exposure of acoustic tubing to excessive heat, cold, solvents, moisture and oils/lipids (secreted by human skin).
- Keep out of children's reach.
- Keep it in a light case or a bag.

#### **General Cleaning & Care :**

Clean stethoscope thoroughly before each use. For chestpiece, acoustic tubing, and eartips, use clean cotton cloth and rubbing alcohol or isopropyl alcohol solution to cleanse all soiled parts .Avoid prolonged exposure of the acoustic tubing to excessive heat, cold, solvents, moisture, or oils/lipids (secreted by human skin).

##### **Removing the Diaphragm and Cleaning the Chest piece :**

With the diaphragm side down, push the rim at one point with both thumbs and roll the rim off the edge of the chestpiece. Remove the diaphragm from the rim and clean parts in wipe with alcohol. Wipe chestpiece surfaces with alcohol or soapy water. Dry all parts and surfaces thoroughly before reassembly