



HB-Spirometer

Instructions for Use

By Haemoband Surgical Ltd

www.haemobandsurgical.com



INTENDED USE and INDICATIONS FOR USE

HB-Spirometer Respiratory Exerciser is a class I disposable instrument prescribed by physicians as an incentive aid for patients after surgery or as part of a lung disease treatment plan. The incentive HB-Spirometer gently exercises the lungs and aids keeping the lungs as healthy as possible.

HB-Spirometer is a clean device and non-sterile. It is a single patient device and after final use it should be disposed of in a suitable manner in accordance with local regulations.

Preparation for use

1. Remove the HB-Spirometer parts from the package.
2. Attach the small end of the corrugated tube to the stem at the base of the unit.

NOTE: Before and after each use, rinse only the mouthpiece with warm water and shake it dry.

Procedure

1. Sit straight or lean forward (if possible).
2. Hold the HB-Spirometer in an upright position.
3. Breathe out (exhale) normally, then connect the mouthpiece in your mouth and make a sealed connection with your lips around the mouthpiece.
4. Breathe in (inhale) slowly and deeply with your lips tightly sealed on the mouthpiece. Lift all three balls by continuous inhaling (if possible).
5. Hold your breath for at least 3 seconds or as long as possible, whichever comes first.
6. Remove the mouthpiece from your mouth and exhale normally.
7. As directed by your physician, repeat the exercise.
8. Once the exercises are complete, take a deep breath and cough.
9. The three chambers have inhalation rates inscribed on them- 600, 900 and 1200 cc/sec. This means that if the first ball (blue) is suspended in air (not stuck at the top) for one second, inhalation is 600cc of air. If the second ball (yellow) is suspended in air for one second, inhalation is an additional 900cc of air and so on for all three balls (blue, yellow, red). If all three balls are suspended in air for one second, the total inhaled volume will be 2700cc of air.

WARNING & CAUTIONS

WARNING: Devices in transit or storage maybe subject to damage beyond the control of the manufacture or supplier.

WARNING: Inspect each device before use.

WARNING: Treat used HB-Spirometers as bio-hazardous, infectious material. Dispose of in a suitable disposal unit and/or in accordance with local regulations.

CAUTION: To be used by trained personnel only.

CAUTION: Do not use this device for any purpose other than the intended use.

CAUTION: If the package is received open or damaged, do not use. Visually inspect the device if an abnormal defect is detected that would prohibit proper working conditions, do not use. Contact the supplier or Haemoband Surgical Ltd for return.

CAUTION: HB-Spirometer is a single patient device and must be disposed of after use to prevent risk Infection.

CAUTION: Protect from UV light

STORAGE: To be kept in original boxes in clean conditions and at room temperatures- recommended between 5°C and 30°C.



Alerts the user to the possibility of a problem with the device associated with its use or misuse. Such problems include device malfunction, device failure, damage to the device or damage to other property.



"WARNING" Alerts the user to the possibility of injury, death, or other serious adverse reactions associated with the use or misuse of the device



Caution, consult accompanying documents



Date of manufacture (yyyy-mm)



Recyclable Packaging Materials



Catalogue number



Batch code



Temperature limitation



Use by the date



Keep away from rain



Latex-Free



Do not use if package is damaged



Do not reuse



Protect from sunlight



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