

# THE COMPLETE GUIDE TO CLEANING AND MAINTAINING YOUR OWN STETHOSCOPE

Compliments of



and



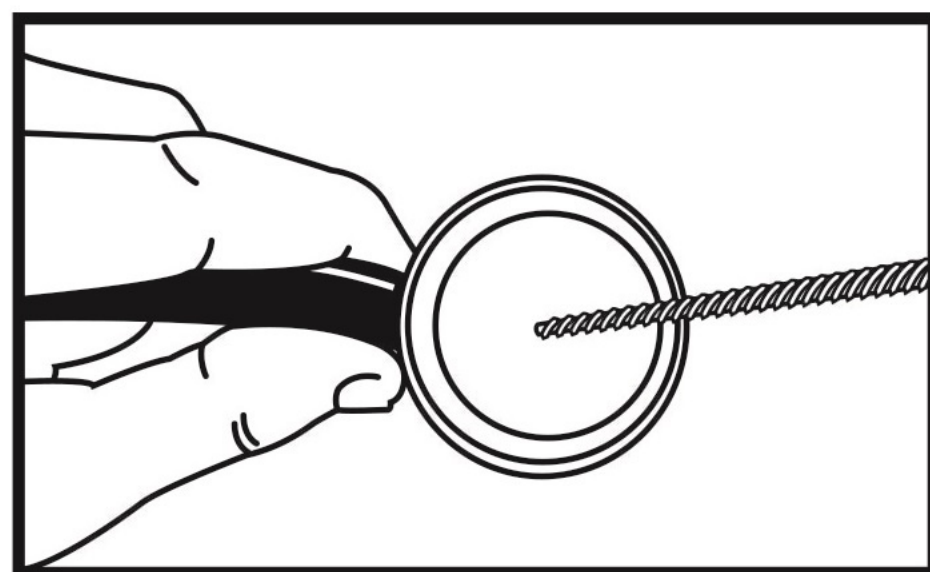
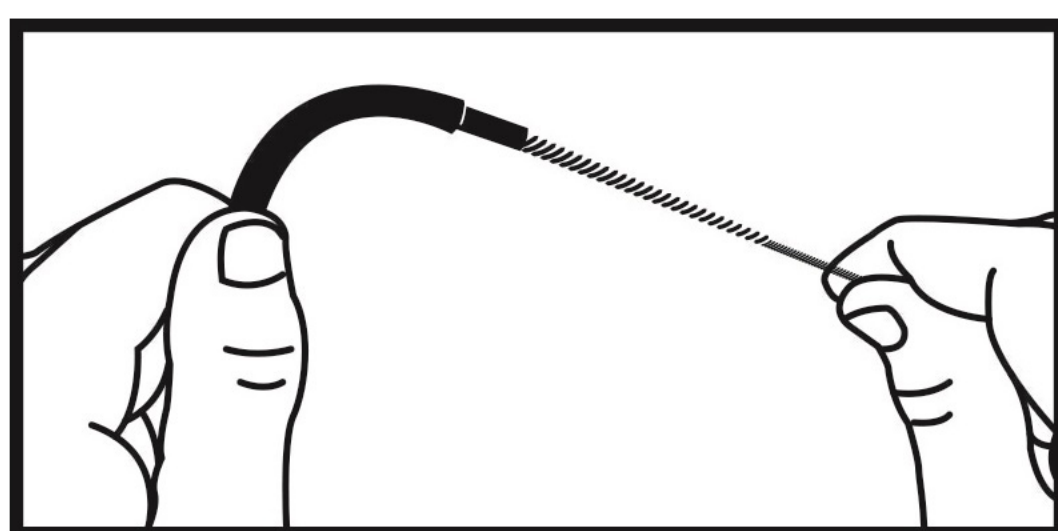
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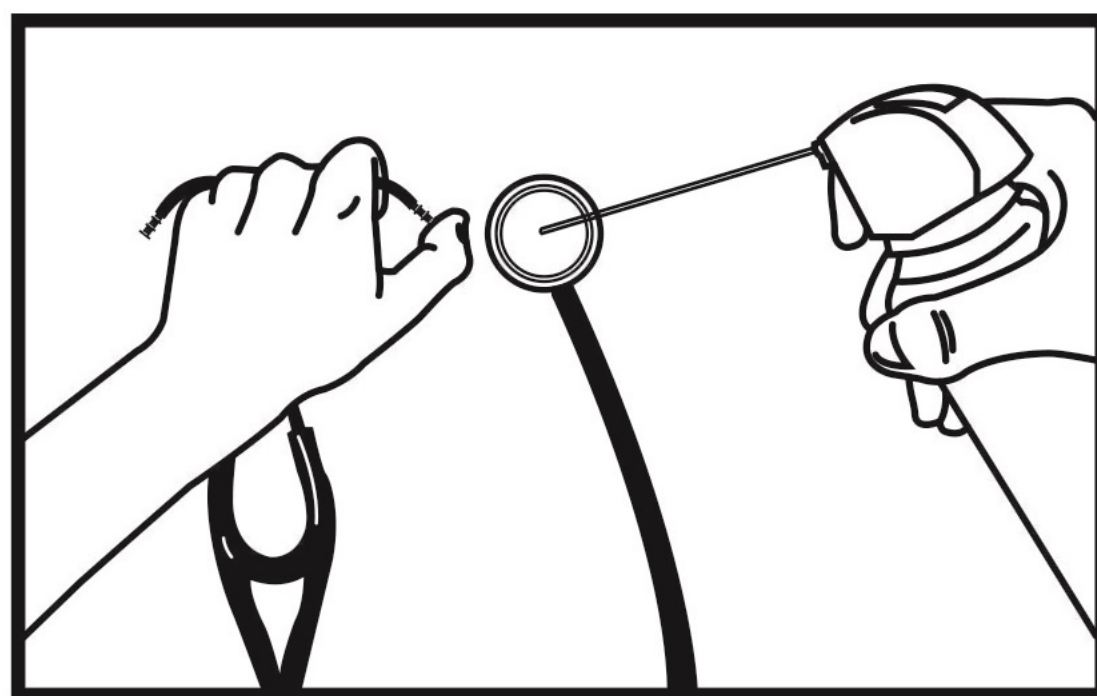
## STEP TWO

### Clear Sound Holes

- Use the appropriate Praveni Aperture Brush to remove any debris from the eartube and chestpiece sound holes. Use Praveni Sterilized Compressed Gas to remove small and hard to reach debris.



- Cover the sound hole of one eartube and blow sterilized compressed gas into the chestpiece sound hole to clear any debris from the tubing. Repeat on the other side.



## STEP THREE

### Clean Metal Parts

- Saturate a Praveni High Performance Wipe or Antibacterial Microfiber Cloth with Praveni Metal Cleaner and clean the outer surfaces of the ear tubes and chestpiece thoroughly, use a Praveni Detail Brush to clean intricate details.
- Wipe parts with a clean, dry wipe or cloth to remove any remaining liquid or debris.

## Why Cleaning & Maintenance Are Important

The natural aging process and exposure to environmental factors, including cleaning and disinfecting products, all contribute to degradation in acoustic performance and professional appearance. Stethoscopes can gradually lose their acoustic properties if moving parts are not properly lubricated, the vinyl tubing becomes brittle and develops cracks or small openings become clogged with debris. Thorough cleaning of surfaces also increases the effectiveness of disinfection.

Proper cleaning and maintenance with products that have been specially developed to be safe and effective is the key to maintaining the appearance and extending the useful life of the instrument that clinicians trust most often.

## GENERAL TIPS

- Keep your stethoscope away from extreme heat, cold, solvents and oils.
- Never immerse the chestpiece in any liquid.
- Clean eartips and remove debris from sound holes regularly.
- Over time stethoscope tubing can become hard, brittle and crack, exposure to skin oils and disinfection can accelerate this process. Avoid contact with skin and use a Praveni Cleaner, Restorer and Protector to maintain the condition of the tubing, eartips, rims(s) and diaphragm(s).
- If your stethoscope has a two sided chestpiece the rotating stem was lubricated when it was manufactured. Use Praveni Lubricating Oil periodically to lubricate moving parts to maintain the performance of your instrument to the manufacturer's specifications.

**Caution:** Disinfection with bleach can cause some colors to bleed and isopropyl alcohol will accelerate the aging process of vinyl, rubber and plastic parts. Be sure to condition the tubing, eartips, rim(s) and diaphragm(s) regularly if you disinfect your stethoscope with isopropyl alcohol.



## STEP FOUR

### Clean, Restore and Protect Vinyl, Plastic and Rubber Parts

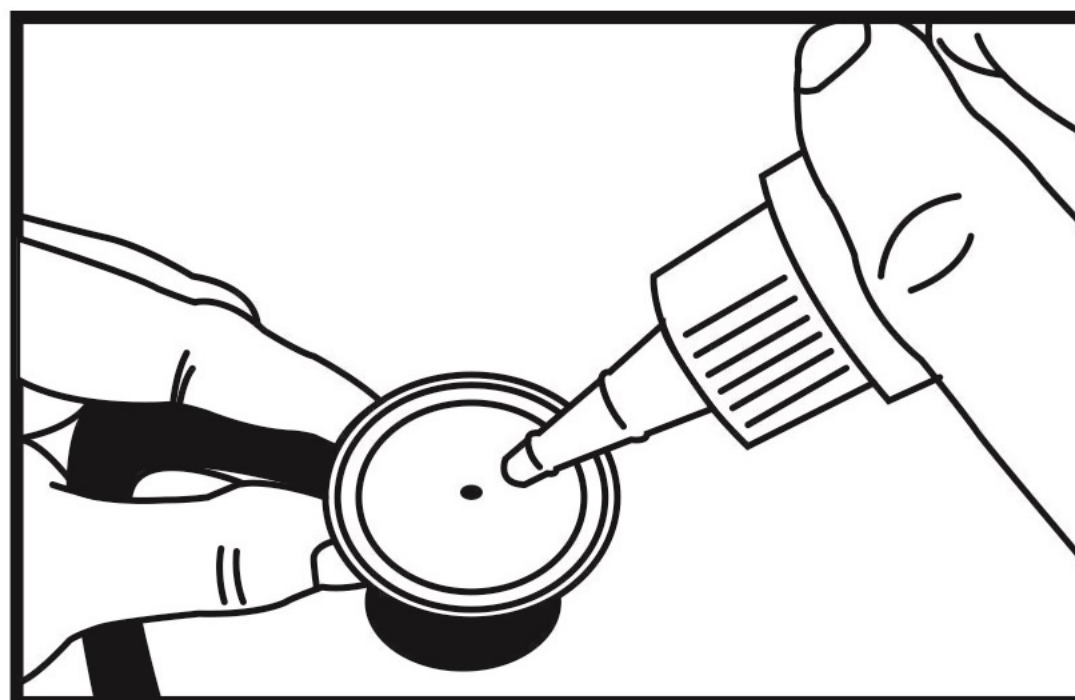
- Saturate a dry wipe or cloth with Praveni Cleaner, Restorer and Protector and thoroughly clean the eartips, tubing, rim(s) and diaphragm(s). Soak parts if necessary to loosen debris.
- Wipe parts with a clean, dry wipe or cloth to remove any remaining liquid or debris.

## STEP FIVE

### Lubricate Moving Parts

(for stethoscopes with two sided chestpieces)

- Rotate the chestpiece stem until the outer surface of the stem covers the sound hole. Apply Praveni Lubricating Oil sparingly through the sound hole to the outer surface of the rotating stem.
- Rotate the stem several times to evenly distribute lubricant.



## STEP SIX

### Inspect Parts

- Any parts that are not able to be restored to like new condition should be replaced. Replacement parts are usually available from the dealer where you bought your stethoscope.

## STEP SEVEN

### Reassemble Your Stethoscope

- Replace the eartips
- Replace the diaphragm(s) and rim(s)

Your stethoscope is should now look and perform like new!

## ROUTINE CLEANING

(recommended once per week or as needed)

- Remove eartips and remove any debris with a Praveni Aperture Brush.
- Saturate a Praveni High Performance Wipe or Antibacterial Microfiber Cloth with Praveni Metal Cleaner and thoroughly clean the eartubes and chestpiece.
- Wipe the eartubes and chestpiece with a clean, dry wipe or cloth to remove any remaining liquid or debris.
- Saturate a dry wipe or cloth with Praveni Cleaner, Restorer and Protector and thoroughly clean the eartips, tubing, rim(s) and diaphragm(s).
- Wipe the eartips, tubing, rim(s) and diaphragm(s) with a clean, dry wipe or cloth to remove any remaining liquid or debris.
- Replace eartips.

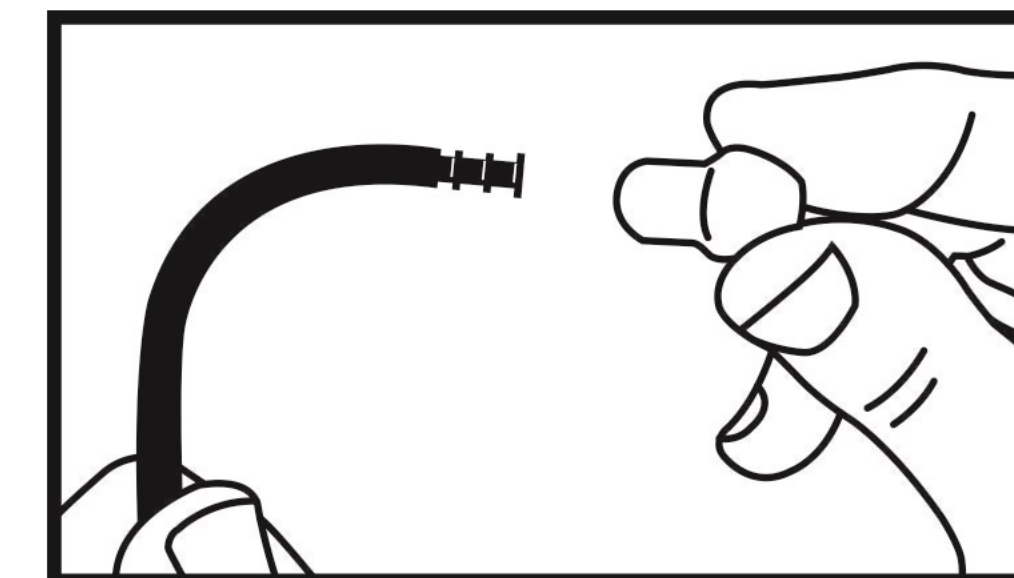
## THOROUGH CLEANING AND MAINTENANCE

(recommended once every three months)

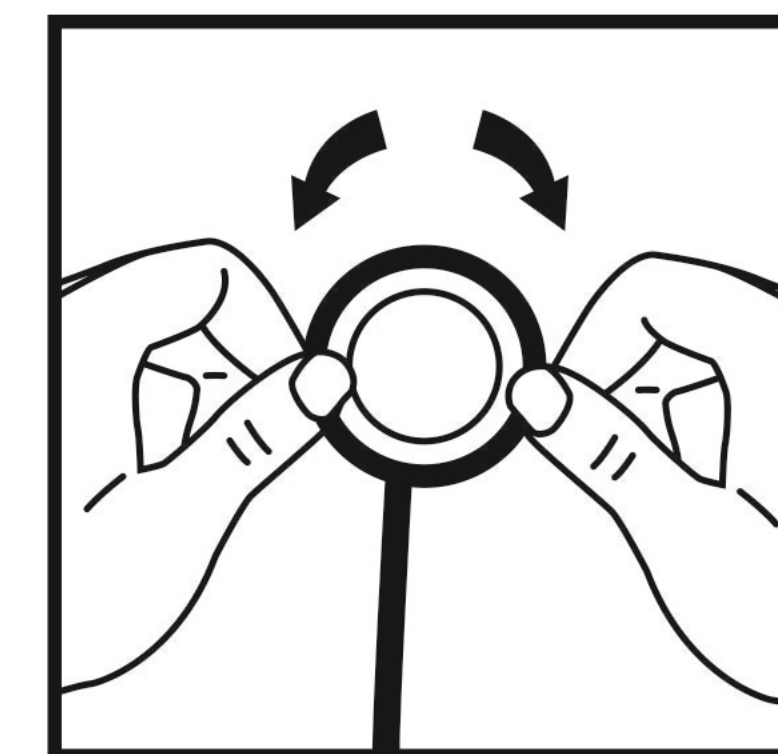
## STEP ONE

### Disassemble Your Stethoscope

- Remove eartips



- Remove rim(s) and diaphragm(s) from the chestpiece



Praveni™ cleaning & preventive maintenance products have been specifically developed by medical instrument experts to safely and effectively maintain the performance and professional appearance of trusted instruments. Instruments maintained with our products look better, perform better and last longer. Protect your investment with Praveni products.



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