

1 ABOUT THIS QUICK GUIDE



This Quick Guide is designed to help you clean and disinfect the easyScreen BERAphone safely and effectively. This Quick Guide is not meant to replace the operation manual. Reading the entire operation manual prior to operating the device is mandatory!

2 CLEANING AND DISINFECTION

Required Material

- Gauze swabs or cleaning wipes
- Disinfection wipes – **Alcohol free disinfection material, based quaternary ammonia compound is recommended. Alcohol-based wipes may damage or discolor the ear cushion.**

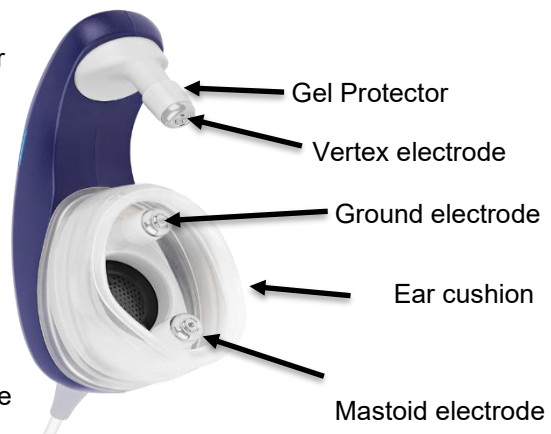
1. Introduction

BERAphone features integrated, reusable electrodes and a speaker. As it only contacts intact skin, it is a non-critical patient-care item and must be cleaned and disinfected with a medical-grade disinfectant after each use.

2. Cleaning and Disinfection after Screening Each Baby

The easyScreen BERAphone and all parts contacting the baby, bedding, or clothing must be cleaned and disinfected after each use on a patient.

1. **Remove residual gel:** Wipe electrodes and ear cushion to remove any remaining gel with a gauze pad or cleaning cloth.
2. **Disinfect the BERAphone:** Use a **hospital-grade, non-alcohol disinfectant wipe** which is suitable for medical devices to disinfect the electrodes, ear cushion, and any part that has been in contact with the baby or bedding.
 - ✓ Switch off the device before disinfection.
 - ✓ Ensure the disinfection wipes are not too wet. Prevent liquid from entering the housing, the speaker and electrodes.
 - ✓ Wipe the surface of the device and its components (including cables).
 - ✓ Never spray fluid directly on the device. Use only slightly moistened cloth and wet wipes.
 - ✓ Any liquid entering the device might cause unrepairable damage to the device.
 - ✓ Do not sterilize the BERAphone, only stainless-steel electrodes and gel protectors can be sterilized.
3. **Disinfect cables and device housing:** Wipe down all cables and device parts with disinfection wipes if they touch the baby or bedding. Make sure that no liquid from the wipe seeps into the device and sensitive areas such as connectors.
4. **Dry completely:** Allow surfaces to dry according to the disinfectant's instructions before next use.



Scan the QR-Code and watch all the above-mentioned steps in our video.



3. Routine Inspection

Daily routine periodic inspection inside the electrode gel protectors and beneath the ear cushion is recommended:

1. **Check the movability of the electrode:** Ensure each electrode moves out by the force of the spring when gently pushed in.
2. **Remove electrodes:** Carefully pull the electrodes straight off the BERAphone.
3. **Remove gel protectors:** Slide the grey gel protectors straight off the stainless-steel electrodes.
4. **Clean the stainless-steel electrodes inside:** Use thin cotton precision swabs to clean the electrodes inside, where the pin is inserted.
5. **Check gel protectors:** Look inside for leftover skin prep product.
 - If residual gel is found, remind screeners to apply a smaller amount of gel in the future.
 - Use a disinfectant wipe to clean both the inside of the gel protectors and the stainless-steel electrodes.
6. **Cleaning below the ear cushion:** Remove the ear cushion and clean the plastic beneath, as well as the ear cushion with tissue and disinfectant wipe. Ensure that no liquid drips into the speaker.
7. **Dry and reassemble:** Allow all parts to dry completely. Then reattach the gel protectors to the electrodes and press the electrodes back onto the posts. Take care not to bend the pins during this step. Attach the ear cushion to the BERAphone.



4. Replacement of Electrodes

If the stainless-steel electrodes or the gel protectors cannot be adequately cleaned, replace them with a new set of electrodes. Residues can form a thin layer on the electrode, which leads to reduced skin contact. Replacement electrodes are available from your local MAICO representative.



5. Replacement of the Ear Cushion

MAICO recommends replacement of the ear cushion regularly. Facilities that use alcohol-based disinfectant wipes and those that screen a high quantity of babies per year should consider more frequent replacement. Replacement ear cushions are available from MAICO or your local representative.



6. Troubleshooting

- If the BERAphone electrodes are stuck and do not move out, the internal pin might be bent. Contact an authorized service technician for repair.
- If impedance remains high for one or more electrodes after cleaning, contact an authorized service representative.
- Excessive noise: Electromagnetic interference could be present from other electronic devices in the environment. Shut down all unnecessary devices near the test area including cell phones, tablets, lights, TVs, etc. Move as far away as possible from devices that cannot be turned off.

3 IMPORTANT INFORMATION

- The MAICO easyScreen BERAphone is intended for use on intact, external skin around the ears and on the scalp. Do not use it if the skin is damaged or if the baby has a contagious skin condition.
- The cleaning and disinfection recommendations for the BERAphone and easyScreen components do not override your facility's infection control policies or procedures.
- Use the disinfectant product approved for non-critical patient-care devices by your hospital infection control department. Prefer a non-alcohol-based product if available.