

Disinfection and cleaning procedure EEG equipment

Caps and electrodes should be cleaned immediately after use, by following these steps:

Remove the electrodes from the cap using a special remover tool (see picture below). Hold the cap with one hand and bring the remover tool in between the ring and the electrode head. Reach from the front of the electrode, not from the tail.



Insert the splitter box in the designated place on the splitter box hanger (see picture below) and distribute the wires of electrodes on the rack. Do not pull on the wires at any point!



Remove the splitter box hanger from the stand and place it next to the sink in the white insert. Make sure that the splitter box and connection cable (no 1 and 5 in figure) are kept dry at all times!



Place the electrodes not directly in the sink, but in the **colander** in order to avoid damage to the electrode tips.

Clean the electrodes and cap with a toothbrush using lukewarm, running water. Do not forget to **clean the tubular space** in the electrode with a needle or tooth pick. Make sure all gel remains are removed from cap and electrodes! While doing this hold the electrode by the head, not the very tail of the plastic part and **not the wire**. Clean the wires of the electrodes once a day by wiping them with a baby towel.

Rinse the electrodes with distilled water. You can reuse the distilled water for all your participants within one day. Put the electrode wires on the splitter box hanger and return the splitter box hanger to the support, which is placed on the table in the experiment room.

Disinfect the cap (not the electrodes) with Sekuseptⁱ:

- a. Wear suitable protective clothing: gloves.
- b. Produce the disinfection solution by diluting with water in the designated bucket. Mix **40 ml** of Sekusept with **960 ml** of water (the solution is to be prepared fresh daily).
- c. Soak cap **in the solution for 15 minutes, not longer!**
- d. Rinse with tap water.
- e. You can reuse the Sekusept solution for all your participants within one day.

Hang the cap to dry. Any residual dampness can dry off in the air. Using the hairdryer to speed up drying is not encouraged as the hot air can ruin the elasticity of the cap. If using the hair dryer can't be avoided due to consecutive measurements, use **medium** temperature and blow settings (e.g., not the highest).

Hang the used or wet towels to dry outside the lab on the dryers and put dried towels in the laundry basket. **DO NOT PUT WET TOWELS IN THE LAUNDRY BASKET.**

Remove gel remains on table, chair, and equipment.

The last person scheduled in the lab will be held responsible for its status. If caps, electrodes or other parts of the lab were insufficiently cleaned you will be contacted by the lab coordinator.

Sekusept: *In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If in contact with skin immediately wash off with copious quantities of water. Remove stained/soaked clothes immediately. Keep out of reach of children. Store in original container below 25 degree. Do not mix disinfectants with other products. Do not empty concentrated Sekusept Plus in the sink.*



ⁱ Sekusept can be used for the disinfection and cleaning of thermolabile and thermostable medical instruments, endoscopes and electrodes. Effective against bacteria (TBC), viruses (HIV, HBV). 100 g contains agents: 25 Glucoprotami.