Replacing a faulty electrode

1. Before the electrode is replaced, the actiCAP/actiCAP slim electrode splitter box must be disconnected from either the ControlBox or the amplifier.

2. Gently remove the faulty electrode from the electrode cap and from the electrode set.

3. Open the splitter box by unscrewing the screw in the center under the label (1 to 32, 33 to 64 etc.) and remove the cover.

4. Unscrew the metal bar on the side of the faulty electrode, by releasing the two small machine screws at each end of the bar.

5. Carefully withdraw the faulty electrode. This is best done by taking a toothpick or screwdriver, for instance, and carefully removing the front part of the electrode from the splitter (see also Figure 1).

6. Carefully insert the new electrode. Ensure that the four metal teeth engage correctly in the splitter and that the rubber sheathing is aligned and does not protrude. Avoid incorrectly positioned electrodes.
7. Replace the metal bar with the flat side facing down and secure it with the screws.

8. Put the cover back onto the splitter box and secure it with the small screw in the middle. Affix the label to the splitter box again.

9. Insert the new electrode into the electrode set. Gently insert and embed the new electrode in the cap / into the holder in the cap.

Possible error:
Flat EEG curve during recording: Check that the plug is seated correctly (see also point 5).