

ActivaDose

tDCS

For directions on how to use the Caputron Universal Strap, please visit our instructional video on YouTube.

For a list of electrode placement montages, please visit our website for a list of 3rd party montage sources. Caputron.com



Activadose tDCS Unit Quick Start Guide (in 7 easy steps!)

To start—insert a 9 volt battery into the battery compartment.

Step 1

Confirm tDCS sponge electrodes are properly set up and saturated with saline solution. The “bump” of the lead cable port on the conductive carbon rubber insert should be facing away from the sponge insert. Refer to the “sponge electrode maintenance” section of the user manual for more information.

Step 2

Connect lead cables to tDCS sponge electrodes and output jack of Activadose tDCS Unit.

Note. Red Anode (+) Black Cathode (-)

Step 3

Position tDCS sponge electrodes in the desired montage location using the Caputron Universal Strap.

Step 4

Press the “Dose/Power” knob to turn on the unit.

Step 5

Select dose by rotating “Dose/Power” knob. Dose represents the value of current (in mA) x time (in minutes). When using the device for tDCS, the dose will be the timer.

Ex. 4 mA x 10 min = 40 mA-min (dose), 2 mA x 20 min = 40 mA-min (dose), 2 mA x 40 min = 80 mA-min (dose)

*Note: this means a dose of 40 mA*min at a current of 2 mA will yield a time of 20 minutes *

Step 6

Select current by rotating “Current” knob.

Step 7

Rotate “Dose/Power” knob to begin stimulation.

Electrode Care – It is advised that you replace your electrode sponge inserts every 3-4 uses, and replace your sponge electrode shells every 2 months.

It is important to properly maintain sponge electrode shells and electrode sponge inserts in order to obtain consistent and uniform current distribution throughout the tDCS electrode. Reusing the sponge inserts past the recommended number of uses results in inconsistencies in current density distributions.

Saline application - An application of ~7 ml of 0.9% saline to the 2x2 electrode sponge insert or ~15 ml of 0.9% saline to the 3x3 electrode sponge insert is recommended for optimal stimulation configuration. **Saline application should be performed after dry electrode sponge has been inserted into electrode holder.**