

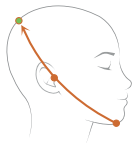
DELTASCAN® BRAIN STATE MONITOR

Bedside EEG for medical decision support acute encephalopathy ● delirium

DeltaScan instructions for use pocket card

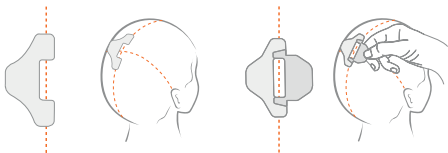
Start

Determine the position of the crown on the head.



Step 1

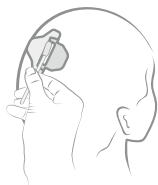
Prepare the crown with HairLock, such that a hair free strip of skin is exposed in the HairLock slot.



Step 3 & 4

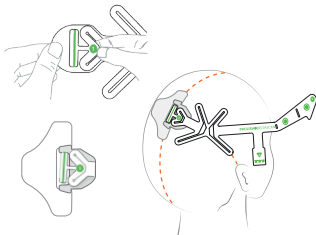
Use a Dynarex Pad to scrub and wipe the skin on the forehead and in the HairLock slot.

Apply a visible, thin layer of Ten20 paste in the HairLock slot for good adhesion / good EEG.



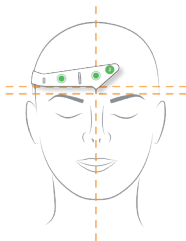
Step 4

Take the DeltaScan Patch out of its packaging. Hold point 1 between thumb and index finger and place the electrode crown on the Ten 20 paste in the HairLock slot.



Step 5

Place the nose electrode on the center of the forehead in line with the nose. Place the "eye" electrode one finger above the eyebrow.



Step 6

Firmly press the 2 forehead electrodes (the 2 green dots) against the patient's skin while doing a count down for 5 seconds. Also press the logo and electrode "crown" for good adherence.

Step 8 & 9

Connect the Patch connector cable. Check if the connection LED lights up green, this indicates that the patch is well connected.



Use

Step 1

Tell that the measurement is about to start and instruct your patient to

- (1) stay awake,
- (2) relax, and
- (3) keep eyes closed.

Step 2

Confirm the patient instructions on the monitor. Then you are ready to start the measurement. Press the recording button as long as the patient complies with the 3 instructions.

Step 3

Release the recording button immediately, if the patient does not comply with the instructions. The measurement is paused. Continue to measure (press the recording button again) when patient complies again with the 3 instructions.

Step 4

The LED strip on the Patch connector displays the progress of the measurement. So does the monitor. The measurement is complete when all LEDs are green.

Step 5

DeltaScan automatically calculates the score (1, 2, 3, 4 or 5). Always document this score in the patient file!

1	2	3	4	5
Very unlikely acute encephalopathy/ delirium	Unlikely acute encephalopathy/ delirium	Possibly acute encephalopathy/ delirium	Likely acute encephalopathy/ delirium	Very Likely acute encephalopathy/ delirium