



TECHNOLOGIES
MCN: MICRO CURRENT NEUROFEEDBACK

Foundations of IASIS MCN

Conducting an IASIS Session



Visit Our Website
microcurrentneurofeedback.com



CONDUCTING AN IASIS SESSION

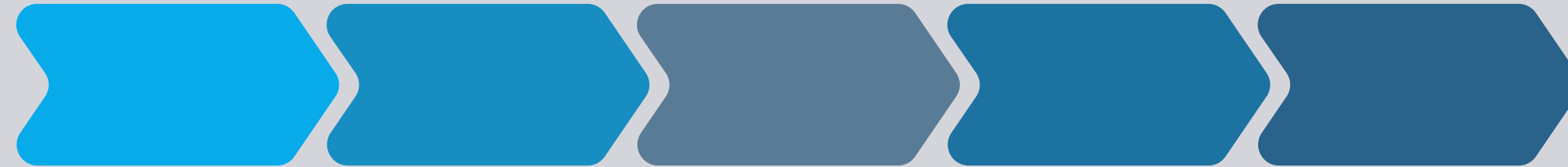


TOPICS FOR REVIEW

- Preparing the 10/20 sites
- Affixing electrodes
- Starting the session
- Troubleshooting
- Operating the software
- Moving electrodes
- Exiting the software
- Cleanup
- Treatment Scenarios



STEP BY STEP OVERVIEW



1. Prepare the 10/20 sites
2. Affix the electrodes
3. Start the IASIS software
4. Check impedance; troubleshooting impedance
5. Activate, then run the exposures
6. Pause, then move electrodes
7. Exit the software
8. Cleanup

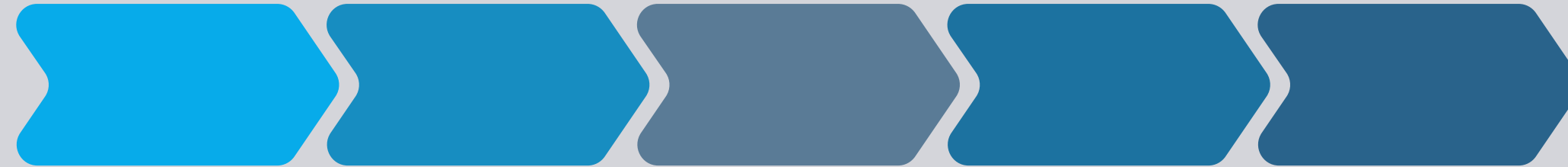
P: Genesis

SP: F3/F4, F7/F8, Fpz/Bz

E: 3



STEP BY STEP OVERVIEW

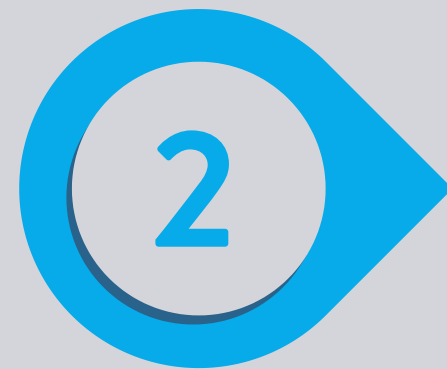


Prepare the 10/20 Sites

- Scrub with $\frac{1}{2}$ pea-sized dab of SkinPure on each electrode site
 - Use a cotton round
 - Be vigorous or you'll have to do it again
- Wipe exfoliant granules away with a tissue and thoroughly pat the skin dry.



STEP BY STEP OVERVIEW



Affixing Electrodes

- Affix the **ground** electrode
 - Check the IASIS device to ensure you're using the correct electrodes
 - Ground lead should be on the midline 20% below Bz
 - Apply a pea-sized amount of Elefix to ground lead site
 - Push the ground electrode into the Elefix so that the paste squishes through the waffle holes



STEP BY STEP OVERVIEW



Affixing Electrodes

- Affixing **Reference and (+)** Electrodes
 - The reference lead site is
 - On the mastoid if the client's sleep is excellent
 - On the pre-auricular area if sleep is an issue
 - Apply a pea-sized amount of Elefix to reference lead site
 - Push the correct electrode into the Elefix
 - Continue with all remaining sites



STEP BY STEP OVERVIEW



Login and start IASIS software

Home Page - IASISWeb

mcn.lasistech.com

Ochs Labs, Inc. Home Bohonian Light Year Contact | California... iGoogle The Times | UK Ne... The New York Time... Amazon.com: Tru... by Grades Other bookmarks

IASIS TECHNOLOGIES IASIS Neurofeedback Portal Register Login Videos & Manuals

Welcome to IASIS Neurofeedback Portal

What is IASIS Neurofeedback?

The IASIS Neurofeedback device is indicated for relaxation training and muscle reeducation and prescription use consistent with 21 C.F.R. section 882.5050.

The ease and simplicity of treatment all distinguish it from a traditional neurofeedback device.

IASIS Neurofeedback is imperceptible and non-invasive and effortless to the client.

IASIS Neurofeedback Is in the Cloud Portal Now

IASIS MCN operates in the Cloud now through this portal. To use your IASIS MCN device, you need to register a provider's account here. Once registered, it will take 24-72 hours to get it approved.

Go to Settings to activate Windows.



STEP BY STEP OVERVIEW



- Personal Login created

IASIS TECHNOLOGIES IASIS Neurofeedback Portal Register Login Videos & Manuals

User Login

Log in to your IASIS MCN account.

Email
iasismcn+1@gmail.com

Password

Log in

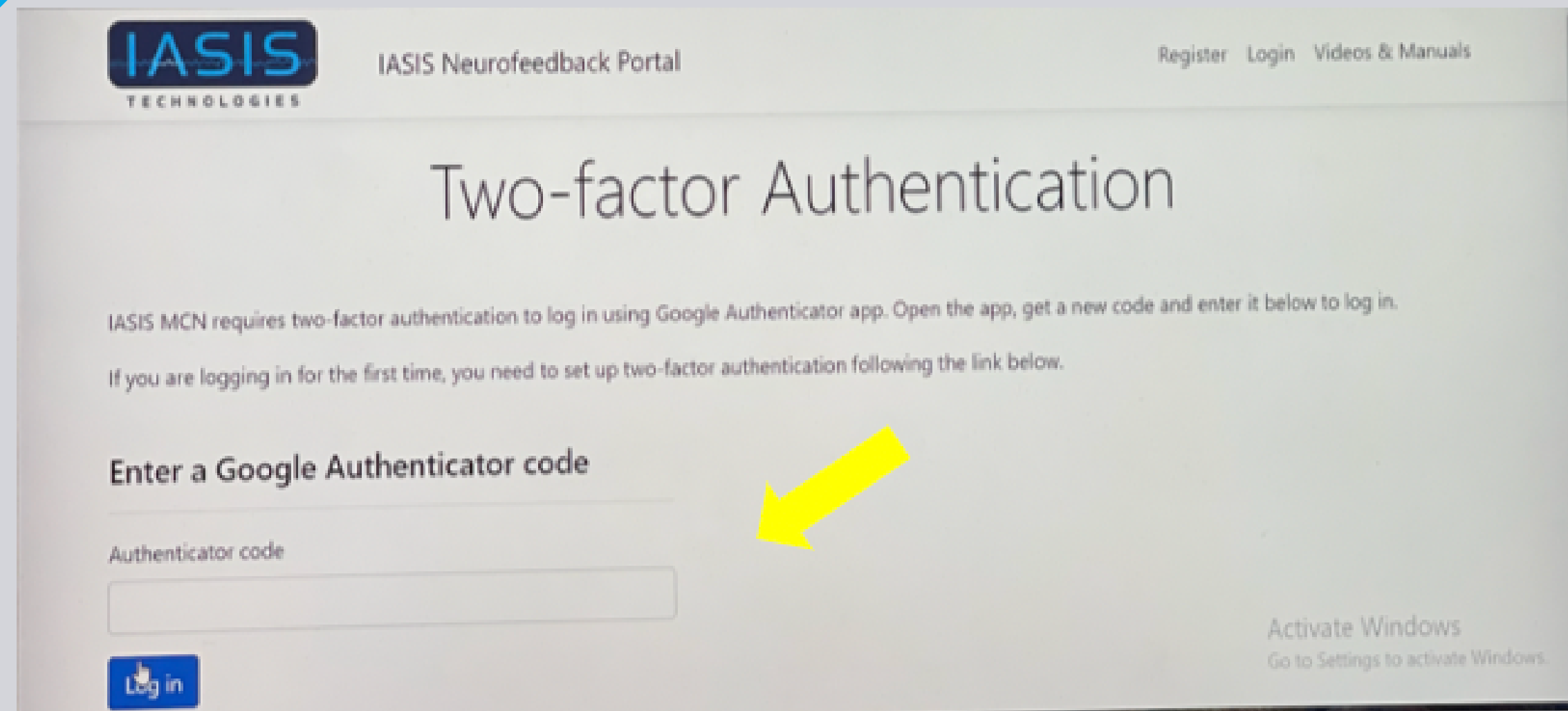
Activate Windows
Go to Settings to activate Windows.



STEP BY STEP OVERVIEW



- Two-Factor Authentication




STEP BY STEP OVERVIEW



- You are in!
- Start Software

IASIS TECHNOLOGIES IASIS Neurofeedback Portal Home Profile Logout Videos & Manuals

 Welcome, Barry Bruder

Now you have access to the IASIS MCN application. You must download and install the application if not done before. You may launch the application if it is already installed.

Install IASIS MCN App

Click on the link below to download the IASIS MCN app to your local PC. Note the location where it is downloaded to, then go to that location and run **IASIS-App-Setup** to install it.

[Download IASIS MCN app](#)

Launch IASIS MCN App

Click on the link below to launch the IASIS MCN app on your local PC. If the app does not launch, you need to download and install the IASIS MCN app first.

[Start IASIS MCN app](#)

Stay logged in

Activate Windows
Go to Settings to activate Windows.



STEP BY STEP OVERVIEW



- PIN

The screenshot shows a web browser window with the URL `mcn.lasistech.com/Identity/Account/IasisApp`. The page header includes the IASIS Technologies logo and navigation links for Home, Profile, Logout, and Videos & Manuals. A modal dialog box titled "IASIS MCN" is overlaid on the page, containing the text "Enter your PIN code to log in:" and a text input field with four asterisks. A yellow arrow points to the input field. Below the input field are "Login" and "Cancel" buttons. The background page text includes instructions for installing the IASIS MCN app and a "Stay logged in" checkbox.

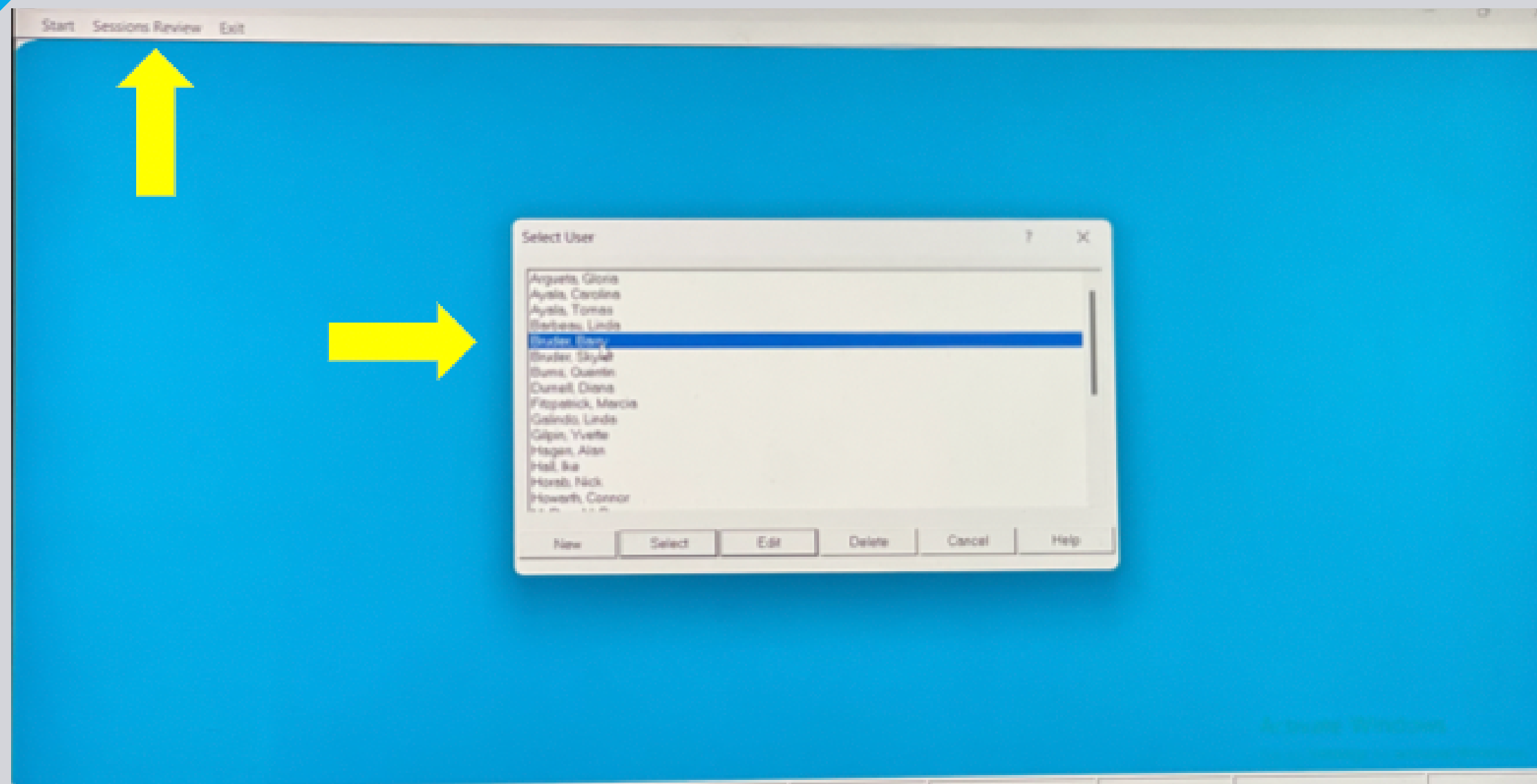


STEP BY STEP OVERVIEW



3

- Select Patient/Client

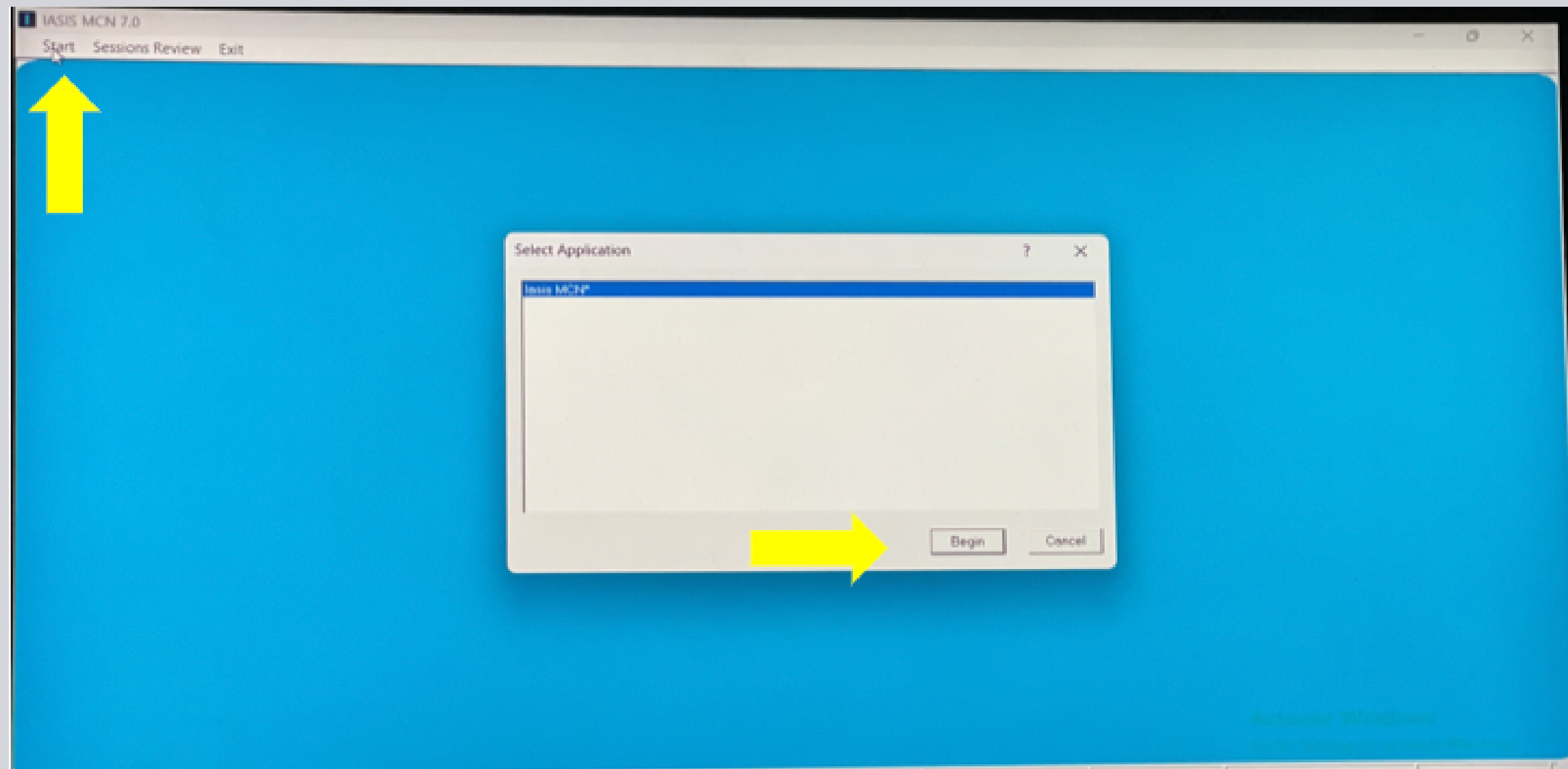


STEP BY STEP OVERVIEW



3

- Start IASIS MCN



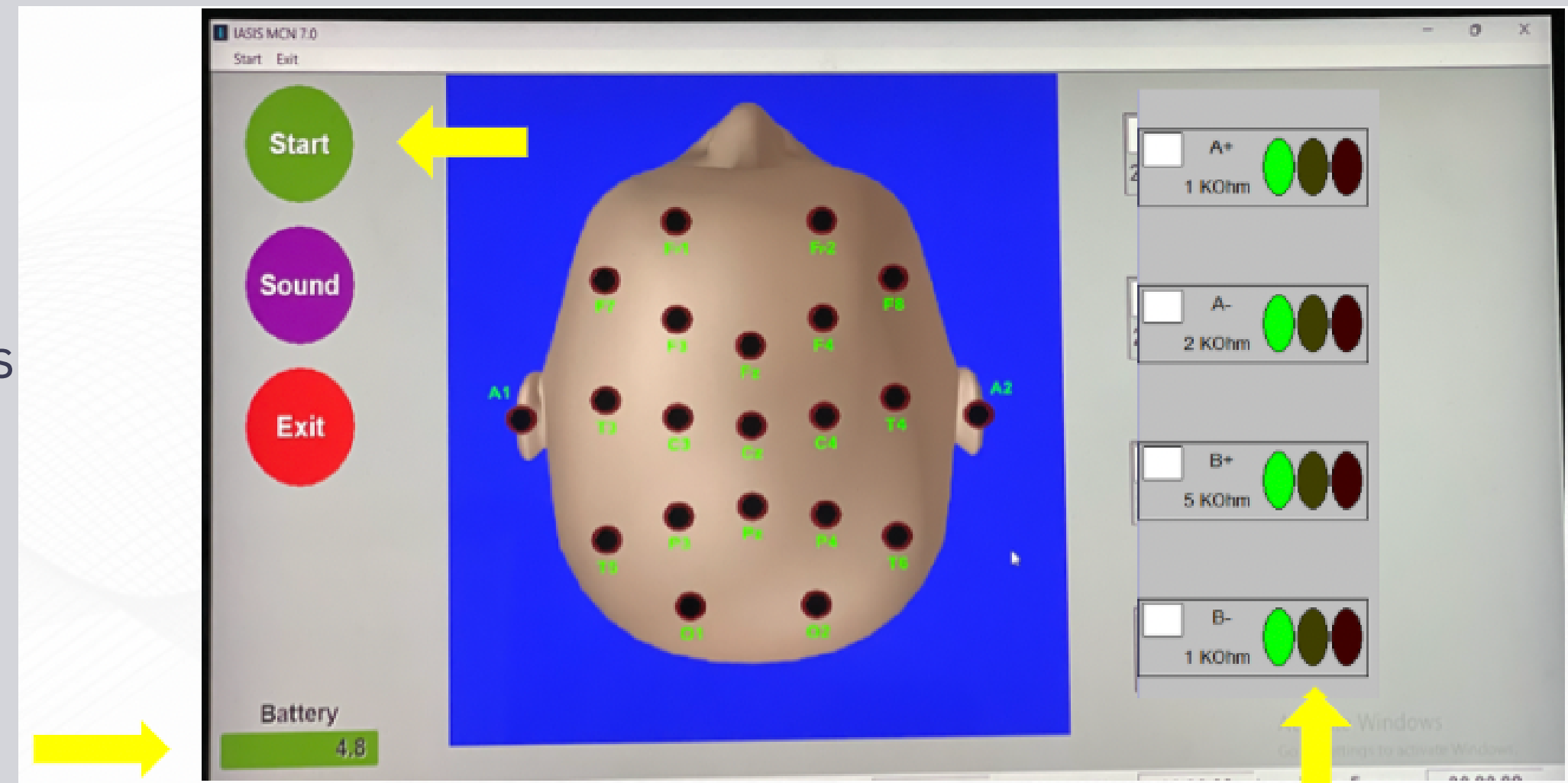
STEP BY STEP OVERVIEW



4

Checking Impedance and running software

- Impedance Screen
 - Check battery indicator
 - Check impedance values
 - Green 0-24 K Ω
 - Yellow 25-49 K Ω
 - Red 50+ K Ω
 - Click Start



STEP BY STEP OVERVIEW



- Select Protocol
- Start

The screenshot displays the IASIS MCN 7.0 software interface. On the left, a vertical menu lists five protocols: GENESIS, BALANCED ENERGY, ACTIVATION, ACTIVATION PLUS, and NEURO SHIFT. A yellow arrow points to the GENESIS protocol. On the right, the details for the selected protocol are shown, including a description and a red waveform graph. The waveform for GENESIS shows a series of peaks and troughs. Below the protocols, a control bar features a play button, a timer, and other controls. A yellow arrow points to the play button. At the bottom right, there is a small circular icon with a right-pointing arrow.

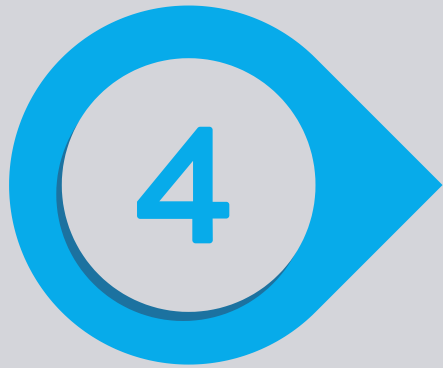
STEP BY STEP OVERVIEW



• Running



STEP BY STEP OVERVIEW



- The light on the IASIS device will come on when the device is active

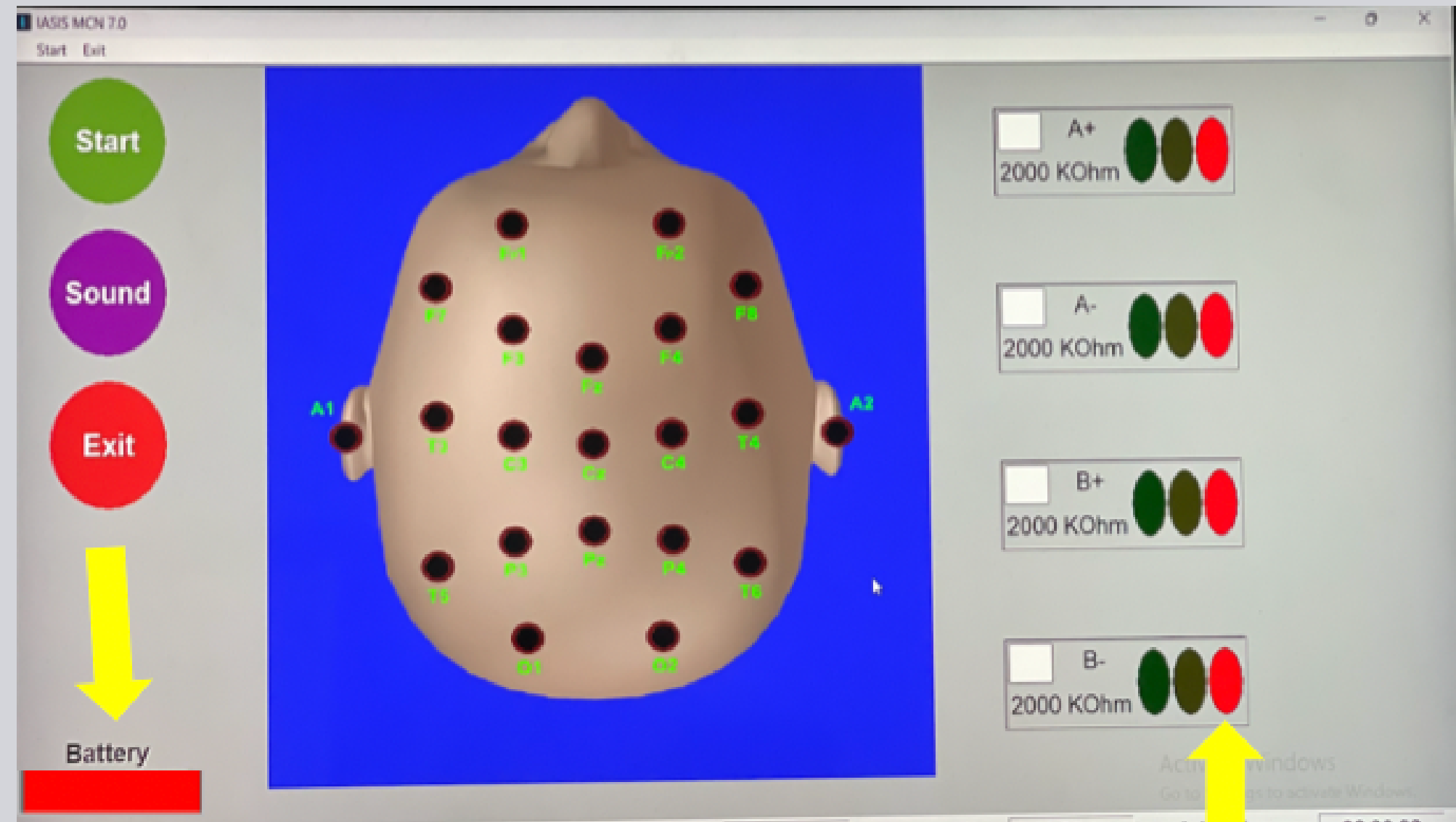


STEP BY STEP OVERVIEW



4

- Impedance Screen
 - Low battery: change them
 - High impedance: fix this



STEP BY STEP OVERVIEW



Troubleshooting

- Impedance is the main issue
 - Electrode set lifespan is 10-30 uses; change them as needed
 - Active electrodes typically degrade first
 - Impedance will be higher with each use, so you'll know when it's time
 - Re-prep the high-impedance site with SkinPure (scrub slightly harder) and witch hazel
 - Be sure all SkinPure grit is wiped clean
 - Change the batteries in the IASIS device if the battery is low



STEP BY STEP OVERVIEW



Troubleshooting

- Impedance is the main issue
 - If impedance is in the same high range for all four +/- leads, the ground lead is the culprit
 - Adjust placement, or re-prep ground lead site
 - Tiny hairs trapped under the electrode can wreak havoc
 - Close the software correctly, then unplug and reconnect the IASIS device
 - Unplug the IASIS device from, and then restart the laptop



STEP BY STEP OVERVIEW



Troubleshooting

- Error messages related to “C2” (IASIS device)
 - Correctly exit the software
 - Unplug USB connection
 - Reboot the computer
 - Plug in USB connection
 - Operate IASIS as usual



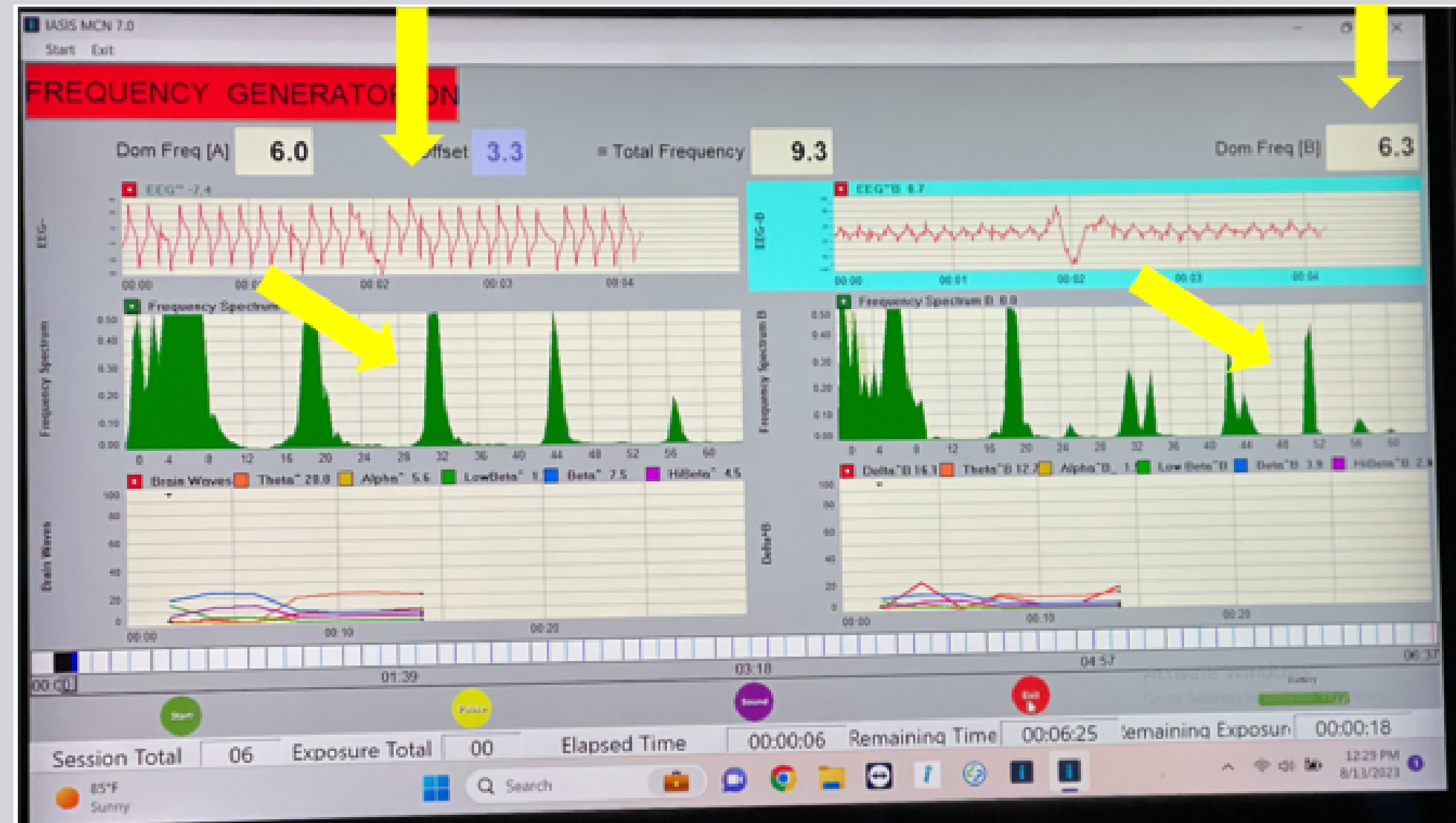
STEP BY STEP OVERVIEW



4

Troubleshooting

- Artifact
 - Indicates interference to the EEG signal
 - Small artifact with muscle movements
 - Significant artifact with “electrode pop” and from other electrical sources



STEP BY STEP OVERVIEW



5

Activate, Then run exposures

- Start



STEP BY STEP OVERVIEW



5

- Run the first exposure on F3/F4



STEP BY STEP OVERVIEW



5

- Run the third exposure on F3/F4



STEP BY STEP OVERVIEW



6

Click the pause button, then move electrodes



STEP BY STEP OVERVIEW



6

- Run three exposures on F7/F8
- Use the pause button to pause while moving electrodes



STEP BY STEP OVERVIEW



6

- Run three exposures on Fpz/Bz
- Use the pause button to stop the session at any time



STEP BY STEP OVERVIEW



Exiting the Software

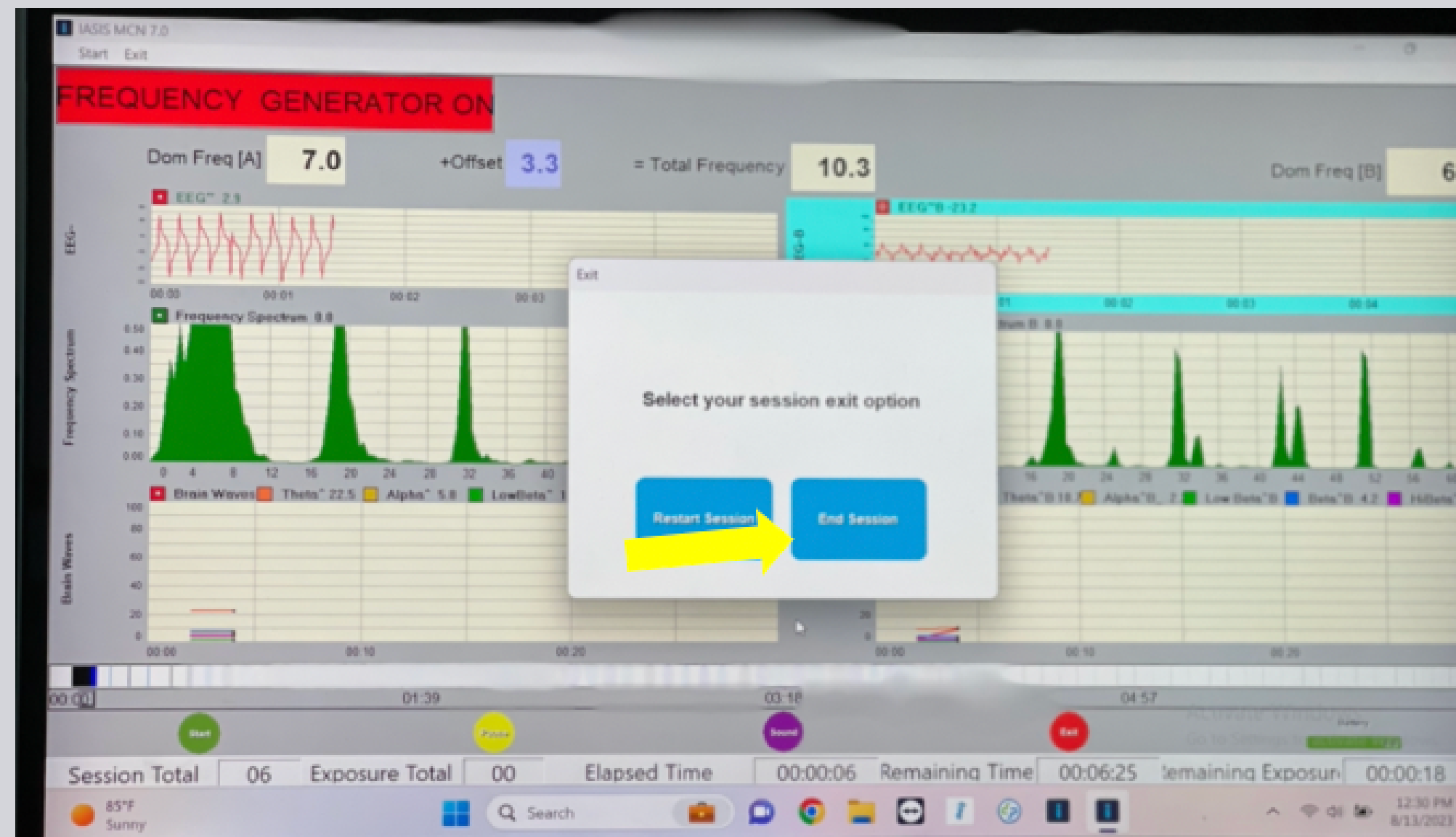
- If exiting the software before a full cycle, click exit



STEP BY STEP OVERVIEW



- Then click exit or restart for additional exposures



STEP BY STEP OVERVIEW



7

- Always click “save to database”



STEP BY STEP OVERVIEW



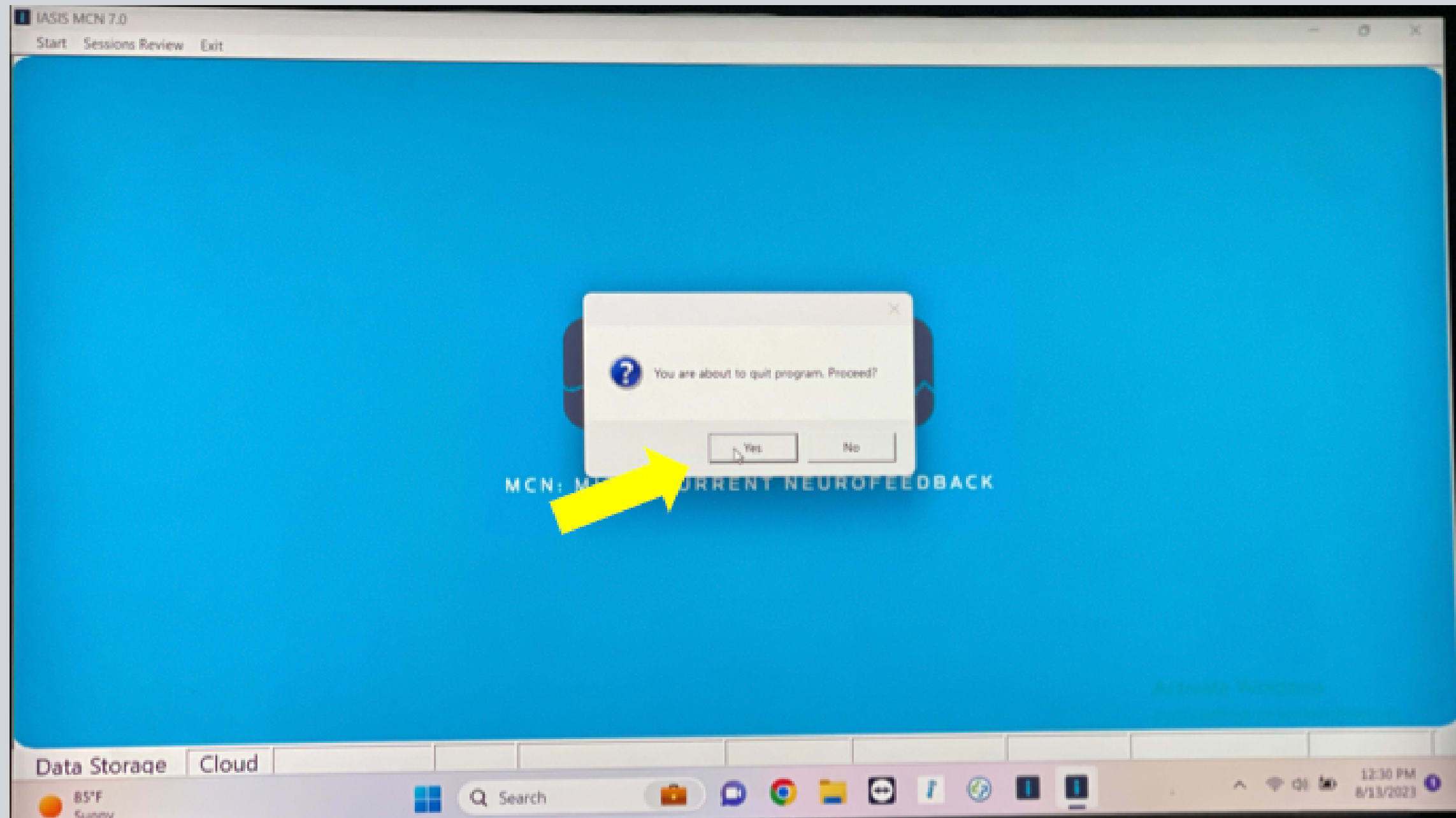
- To fully exit the software, do this.



STEP BY STEP OVERVIEW



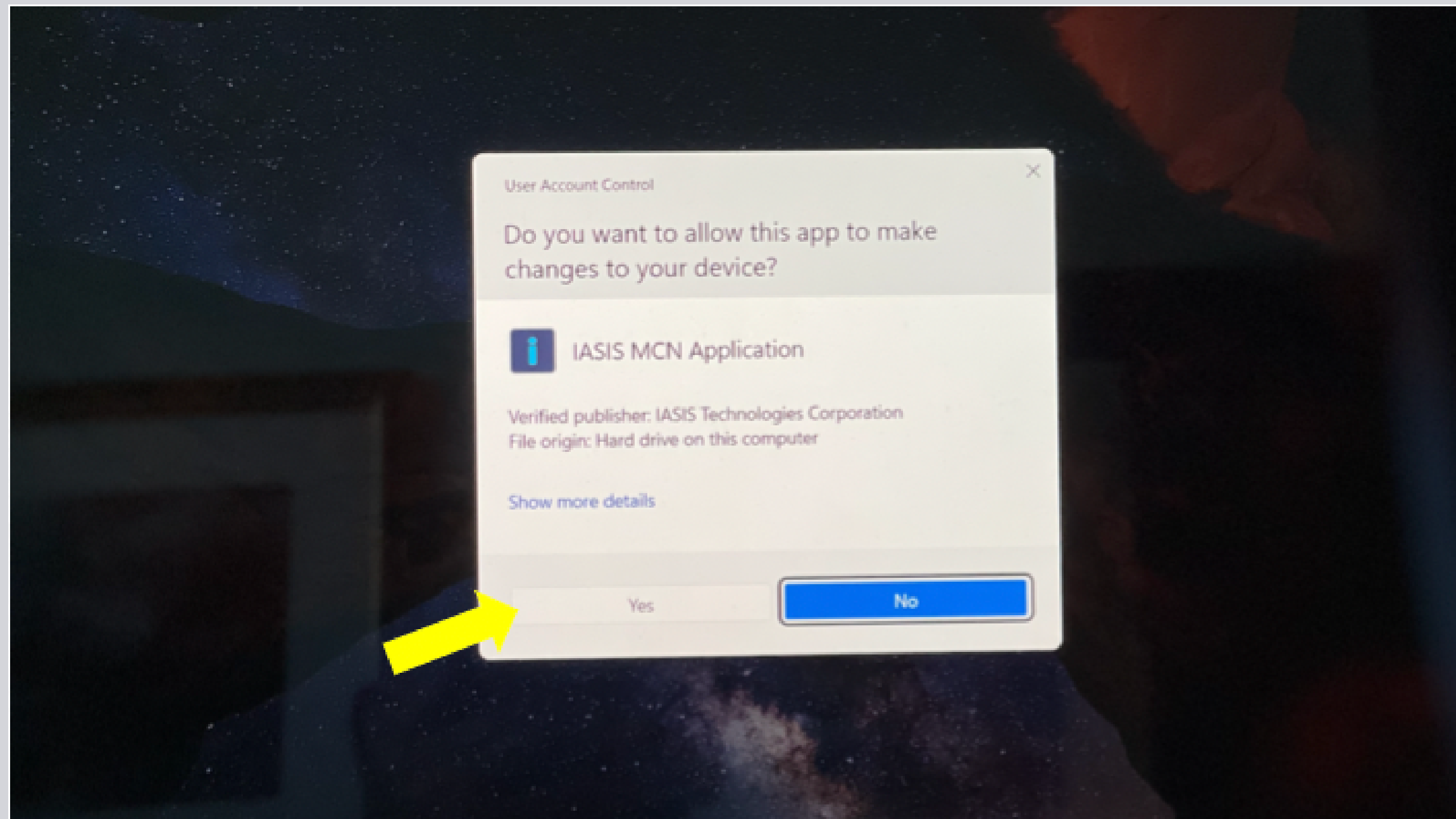
- Then click “Yes”



STEP BY STEP OVERVIEW



- Then click “Yes”



STEP BY STEP OVERVIEW



Cleanup

- Remove electrodes one by one
 - Holding the bottom of the metal, wipe all Elefix off of the waffles
 - Clip all five electrodes together at the end
 - Soak electrodes in witch hazel to remove Elefix
 - Seven minutes
 - Set an alarm!
 - Electrodes will erode more quickly if soaked longer
 - Use a soft toothbrush to remove Elefix if time is tight
- Wipe electrode sites on skin/scalp with a witch hazel-soaked cotton round





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Thank you for your attention!

Q&A



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