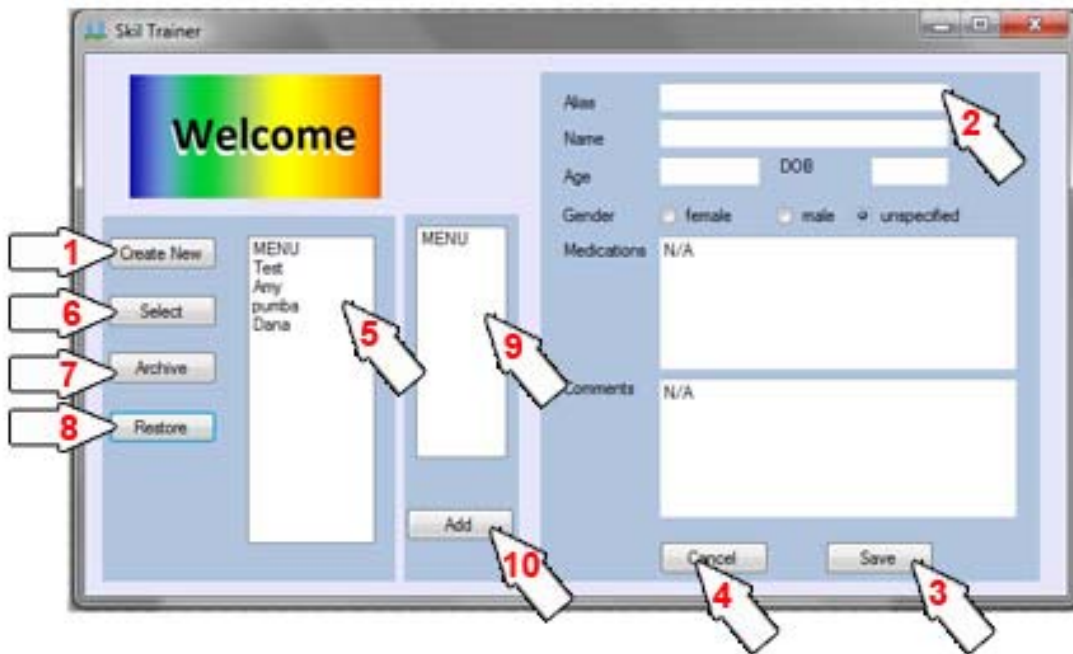


SKIL TRAINER Version 3 CHECKLIST

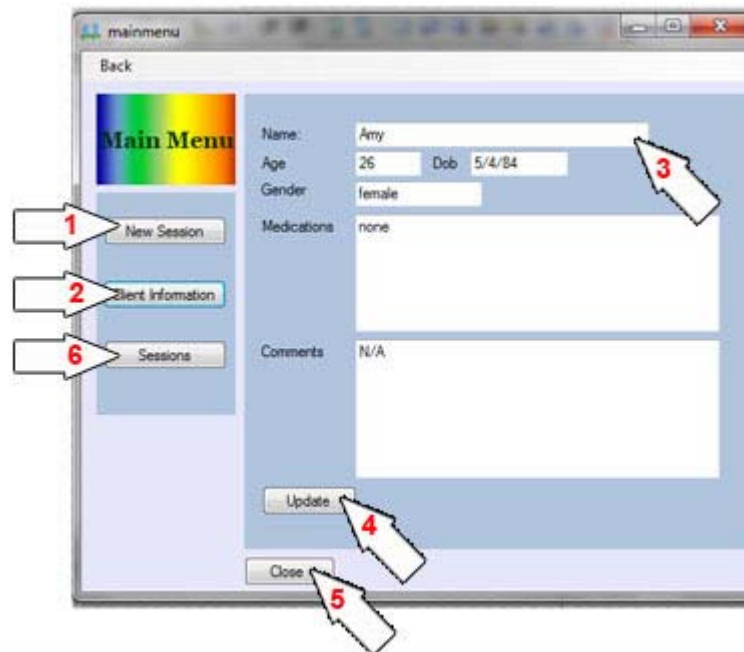


Create entry for a new client or select a current client

1. Click on **Create New** to add a new client with a unique alias.
 2. When we add a new client, we create a unique alias
. Complete information (age, name, gender) for this client on this panel.
 3. Press Save button to create new entry in client database.
 4. or press Cancel to close this section without saving.

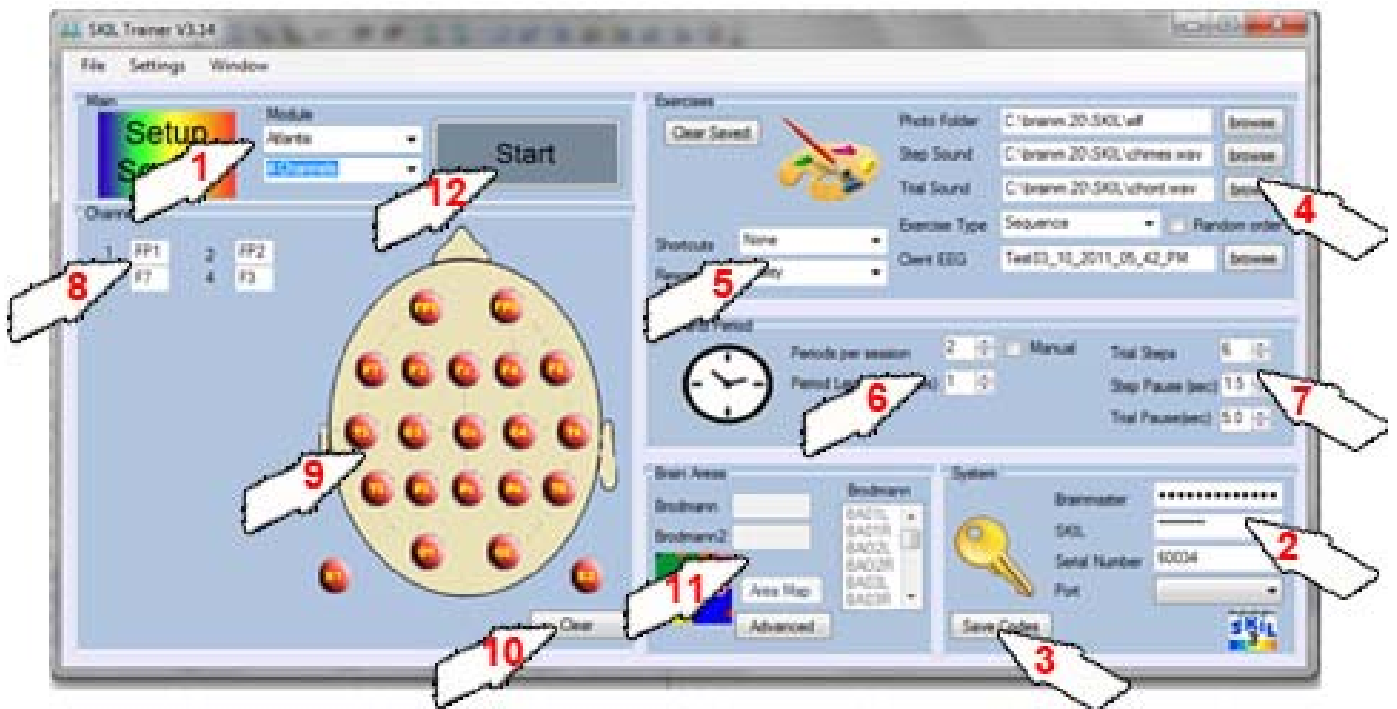
TO SELECT A CURRENT CLIENT

5. Click on an alias to highlight a client.
 6. Press the Select button and we're taken to the main menu.



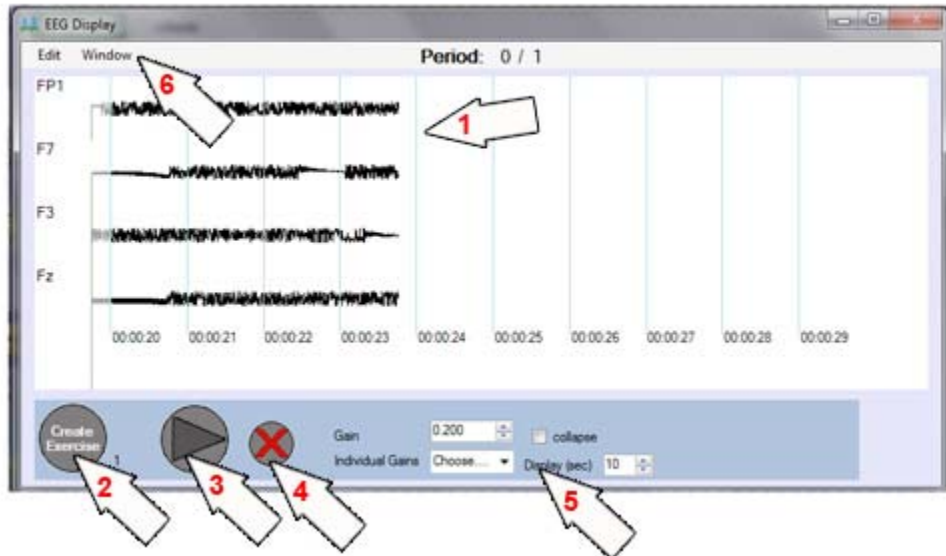
Main Menu -Client Update (figure 1.2)

1. Click **New Session** button to go to Setup Screen.



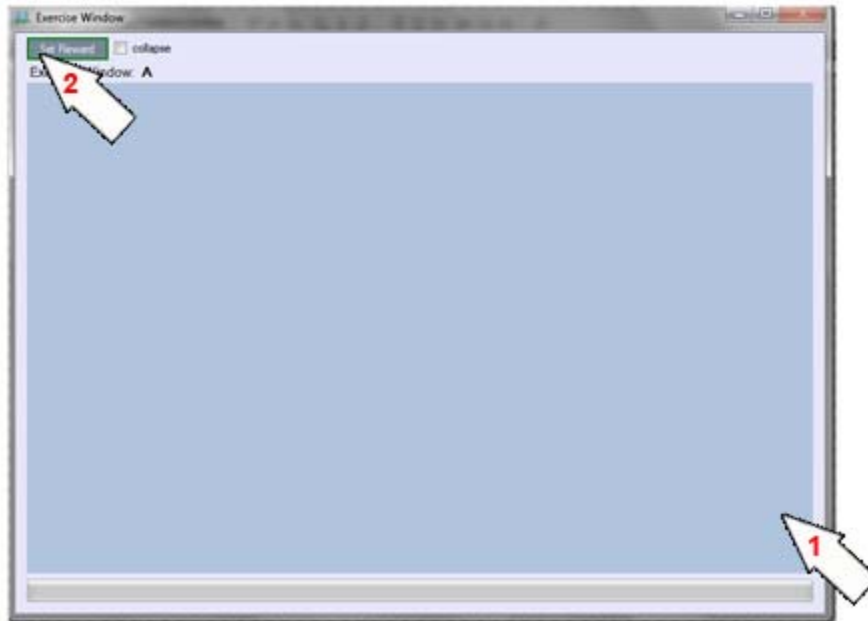
First-time setup can be a bit overwhelming, but we will be able to set session parameters as default settings that will load each time we load the client. Controls are divided into sections with the name of the control on the upper left portion of each section. We will use REFERENTIAL TRAINING on ATLANTIS 4x4 to begin.

1. Select device we plan to use from MAIN SECTION, Atlantis 4x4 or Discovery. Select training montage of "4 Channels" (Referential),
2. In Systems section fill in code keys. Select the port your device accesses.
3. Press Save Codes. We only have to change this when we change devices.
4. In Exercises section, select a photo set and trial and step sounds for session. Press Browse buttons to find desired photo folder and sounds. Exercise type can be either Sequence, Wanda, or Mosaic. Select Wanda or Mosaic for most exercises..
5. Ignore this for now
6. In TRIAL/PERIOD SECTION, set Periods to 10 and Persion duration to 3 (3 minutes)
7. Set Trial steps to 6, Step Pause to 1.5, and Trial pause to 5.0
8. When we select channels, they will appear here.
9. We can select any channel by clicking it on the head diagram. The button turns green to let us know we've selected it.
10. Press Clear to clear our selection and pick new channels.
11. Ignore
12. Press **reset button** on the back of the Atlantis 4x4, then press Start button.



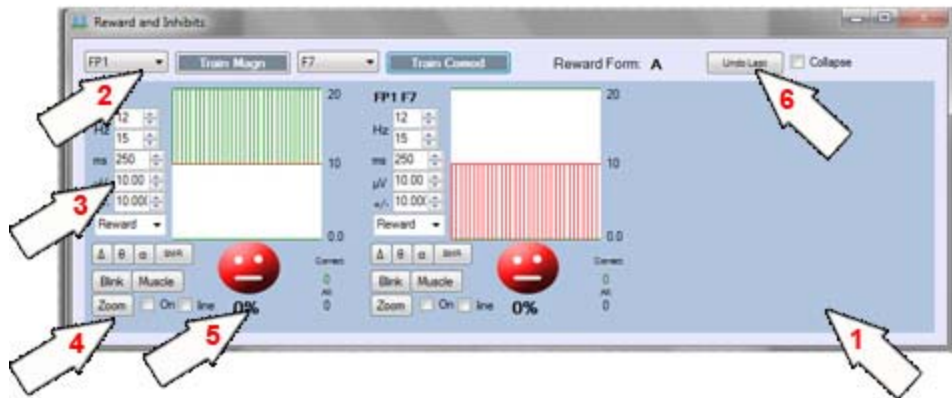
1. At this point we should be seeing EEG signals on the screen. If this screen does not open, we may have forgotten to reset the Atlantis or some other error occurred. To rectify, close the entire program and start again.
2. Press **Create Exercise** button to open an exercise screen.
3. We need to set up the EXERCISE first before we press this button to start exercise.
4. Click to abort session prematurely.

Exercise Screen



2. Press the Set Reward button to create a control panel for the screen.

Control Panel

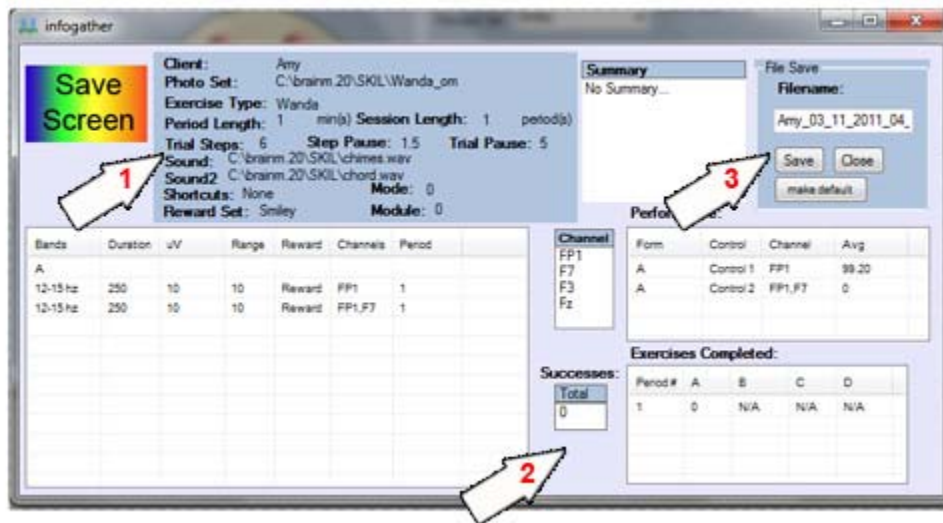


1. On the Reward/Inhibit Control window (RIC), we can have up to 12 control panels allowing us to train either magnitude or comodulation.
2. Choose a channel from the drop-down boxes and press either the Magnitude or Comod button. A control panel will appear.
3. The control panel allows us to set the frequency, microvolt or comodulation threshold, and whether we want to reward or inhibit this activity. Each control panel also contains buttons to quick adjust the frequency band. Bands can also be tailored using the up and down arrows.
4. We can also zoom in on the range displayed and change the amount of time above or below threshold. It is defaulted to 250 ms, with 125 ms steps available. We can also turn off a control panels contribution to training by unclicking the Active checkbox. This allows us to monitor a rhythm without training it.
5. When a client meets the criteria of a control, *smiley* turns green and smiles, else it stays neutral. We can also view the percentage of goals met compared to available chances.

Once all Reward/Inhibits are set up, return to EEG Display Screen and press Start.

This screen and the Exercise screen are shown to the client. Adjust the threshold (field adjacent to uV label) so the client is challenged but is successful most of the time. Adjust the range (+/- field) if dynamics of signal cannot be seen (i.e., signal looks flat).

Save Screen



When a session ends, we are taken to the Save Screen where the results from the session are displayed.

1. The summary screen displays basic information about the session. We can enter a summary description or comment for each session.
2. The summary screen also displays the total successes, the number of successes each period, and the average correct for each control over the period of the session.
- 3 Go to the File Save section to save session results. A file name is automatically provided (with date and time of the session), but we can provide a unique name for each session instead. Press Save to return to the Setup Screen, where we can run another session. If we press the Close button, the session information is not saved.