SmartVS version 1.10.00 - Software Update 2023-02-20

Dear SmartVS Users,

A new version of SmartVS has been released. In this version we have the following new features:

Introduced 6 new practice and 3 new test patients:

Practice Patients:

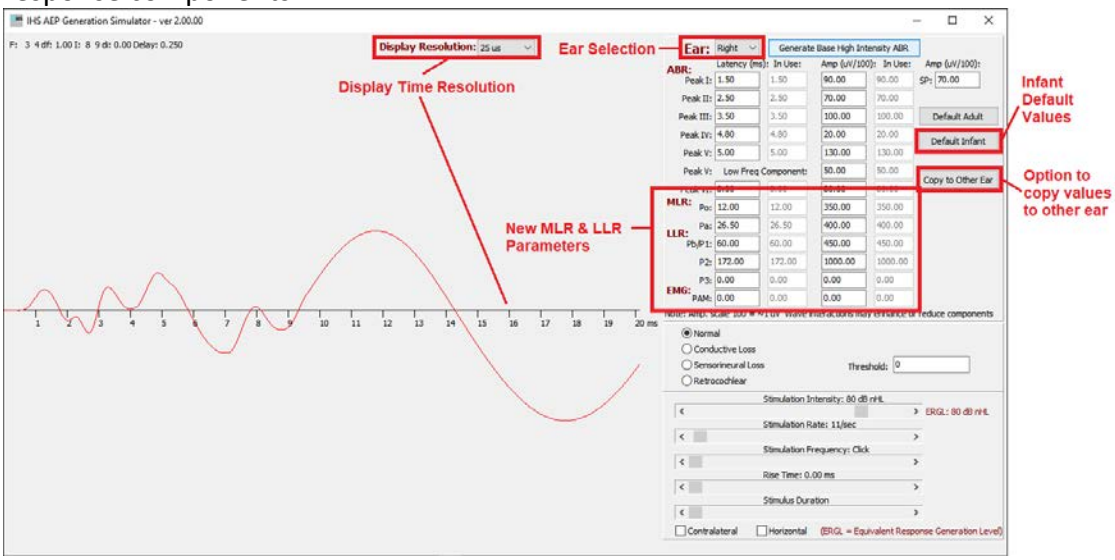
Hayes, Maddi, Female, 2 months, Normal Hearing – Bilateral
Leonard, Clarence, Male, 29, Sensorineural hearing loss- unilateral (head trauma)
Oliver, Adem, Male, 34, Sensorineural hearing loss - unilateral (tumor)
Olson, Aimie, Female, 37, Sensorineural Hearing Loss - Bilateral (Cochlear
Sanchez, Bentley, Male, 74, Sensorineural hearing loss - bilateral (Bell's Palsy)
Tran, Aayan, Female, 21, Normal Hearing – bilateral

Test Patients:

Conroy, Devin, Male, 79, Sensorineural Hearing Loss – bilateral (Presbycusis/Collapsing canal)
Greenwood, Rafael, Male, 26, Sensorineural Hearing Loss - unilateral (Multiple Sclerosis)
Wise, Kunal, Male, 42, Sensorineural Hearing Loss - unilateral (Vestibular Schwannoma)

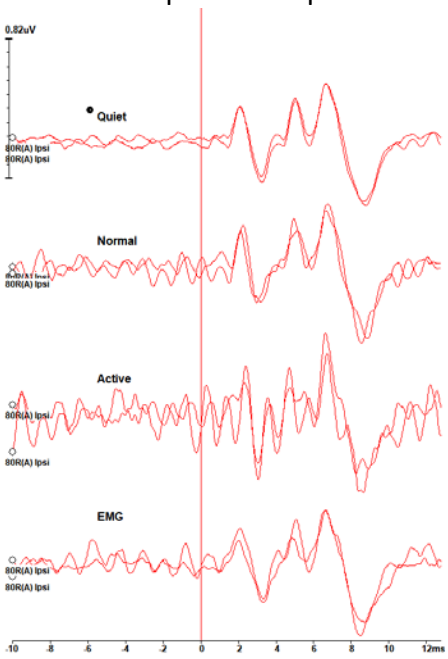
Please note that the new appointment list will list all patients in alphabetical order. Practice or Test profile will be indicated. Jones, Mike is still the Unlocked Play Profile that students can change the thresholds and explore what happens as they change the various profile characteristics.

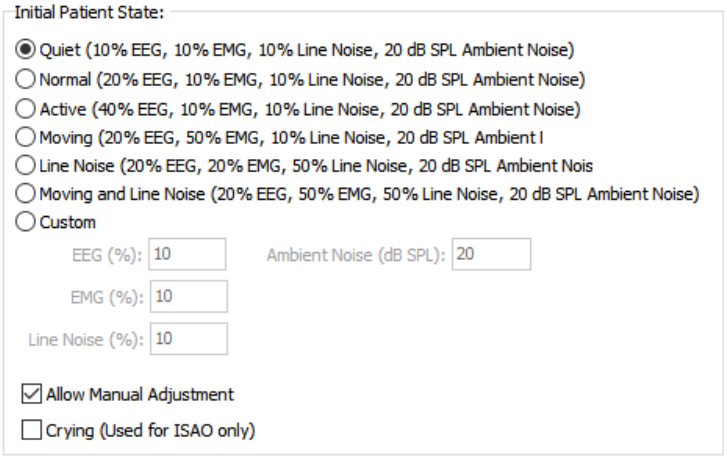
Expanded AEPGeneration Model to include different responses for each ear, added PAM, MLR and LLR response components.



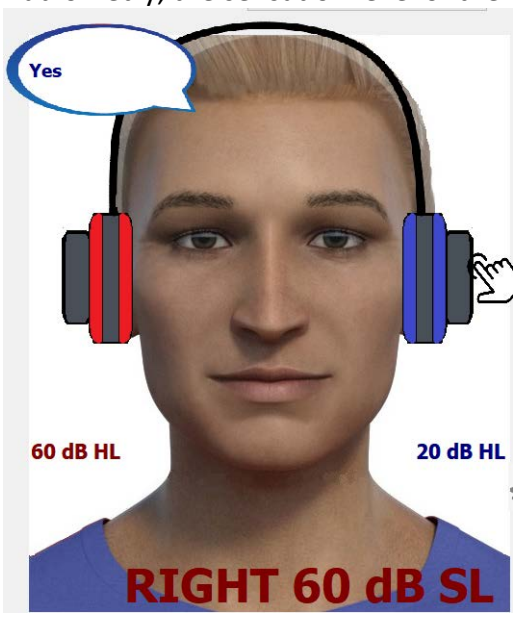
Currently, patients Jones_Mike, Smith_Jane and Aanya_Tran have MLR and LLR response components. We plan to expand the number of subjects providing MLR and LLR options in future releases.

Improved the noise characteristics to make recording more variable under noisier recording conditions. The initial noise conditions can be customized for each patient. You can also select if you want the students to be able to manipulate the patient state or force them to record under noisy conditions.

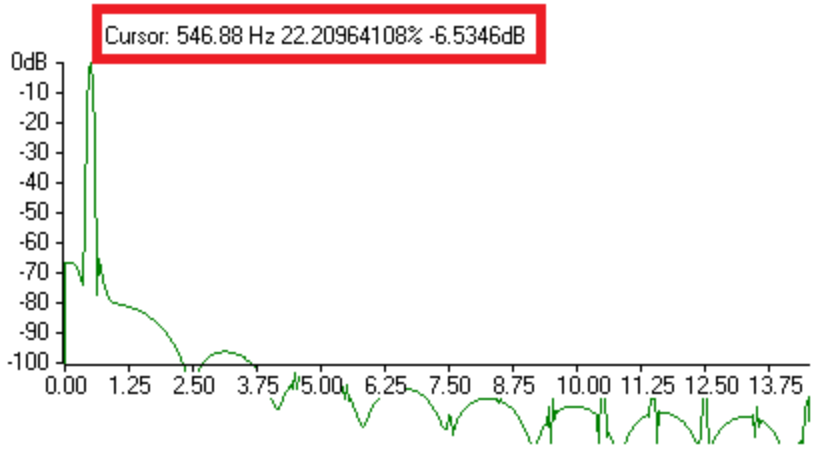




Added stimulus indicators on avatar for practice subjects when the stimulus panel is activated in the test room. This will make it easier for students to see what levels are being delivered to each ear. For AEP and Audiometry, the sensation level of the responding ear is also shown.



The stimulus generation module (StimGen) now shows the frequency and amplitude when the frequency plot is enabled and the cursor is over the grapg.

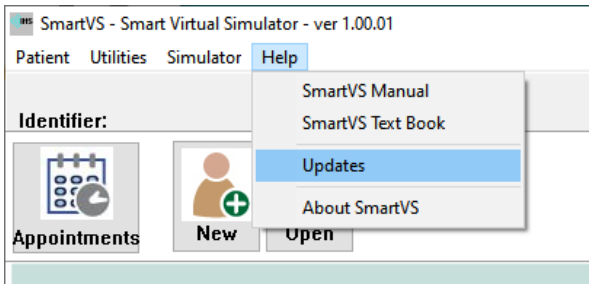


We are currently working on developing new patients. These will be released very soon!

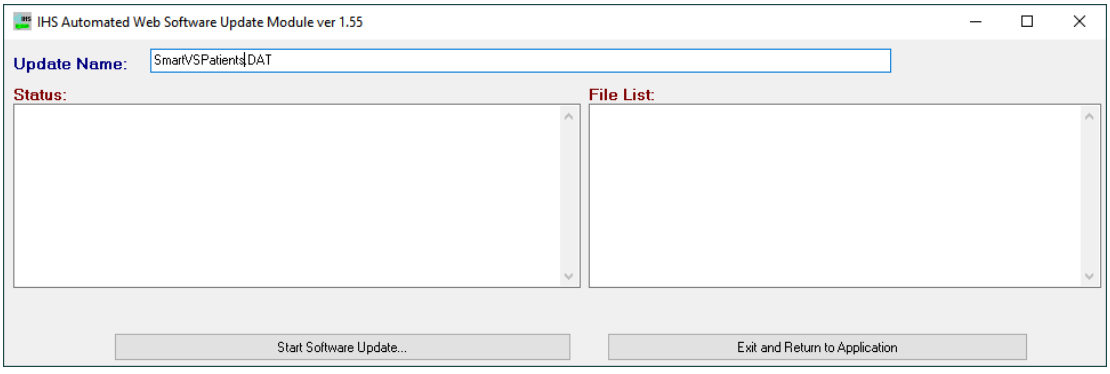
Please note that the update name is **SmartVS110.DAT**. This update will download the latest version of the software and recently modified patient profiles.

To download these updates, please follow these instructions:

1) First launch the Updates utility from you Help menu in the SmartVS waiting room:



2) When the update program launches, type the update name in the Update Name edit box as shown below:

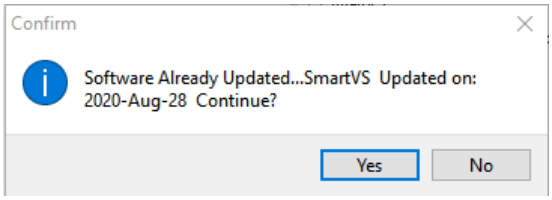


You will need to run the following update:

3) Type SmartVS110.DAT to update your SmartVS software.

After entering the update name, press the **[Start Software Update]** button. When completed, you will see a **"Finished"** message box displayed.

If you have previously run this update, you will see the following message:



Just press the [Yes] button to continue with this new update.

4) After running the updates, press the **[Exit and Return to Application]** button to launch SmartVS again.

If you have any questions, please contact us at **SmartVSSupport@ihsys.com**