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Fit Forward with Widex Allure

Presenter: Danielle Robertson, AuD

Hello and welcome. My name is Danielle Robertson and I'm one of the lead Clinical Education specialists with WS Audiology and today I am going to talk with you about Fit Forward with Widex Allure. Before I get started I just have a few housekeeping slides to review. I'm going to start with the webinar FAQs. Please send us the questions that you have.

You can do this by clicking on Q and A. If you would like handouts, those can be found in the classroom and under your pending courses. You can turn on Live Transcript by clicking the Closed Caption button and then clicking on Show Subtitle. If you would like to earn CEUs, you will need to go to your pending courses after completing the webinar and pass the multiple Choice exam. If you have any need for assistance or technical Support, please call 1-800-753-2160 or you can go to customerserviceaudiologyonline.com today I am going to review the benefits of Widex technology and the exceptional speech clarity with natural awareness that it provides.

I'm also going to discuss the new solutions and review our Fitting software and finally discuss our new Allure Sensorgram.

I do need to include this disclaimer slide about the course content, rapidly evolving health care, the interventions reviewed today, options, consideration of patients, diverse needs, ethical implications and the evidence presented. So let's get started and talk about Fit Forward with Widex Allure. Now you may be thinking or wondering what does that mean? What is Fit Forward? Fit Forward is a commitment that we have to deliver tangible patient benefits with Widex Allure and this is backed by real world experiences of wearers and hearing care professionals and we offer our most natural experience to date.

So this is our commitment to rapid pace of innovation for Allure solutions and fitting to improve the experience and outcomes for our hearing care providers and their patients. So I'm excited to share with you today the first of our many major updates to the software and solution options.

So we're going to start by looking at our Widex Allure platform. So when we take a look at our Widex Allure platform, it is built around three core sound solutions and Fitting. Now if you have joined us in the past here at Audiology Online for Widex Learning session or even if you've joined us live at any time, you may see that we enjoy presenting our information in pillars and they often do come in threes. So when we take a look at that Allure platform, all three of these are very essential. At Widex.

Our Unwavering focus. What we like to refer to as our North Star is and always will be on sound. Specifically, it's about preserving that signature Widex sound, which is well known for delivering the most natural listening experience possible. Of course, when we look at fitting in solutions, both of those are critical. They're very critical to wearer satisfaction.

And we constantly innovate in both of these areas. The key is it is very difficult, almost impossible to compensate for a hearing aid that delivers mechanical or artificial sound. Even if we do have those advanced fitting and solutions. True wearer success and optimal clinical outcomes start and end with the natural sound that Widex can provide. And this brings me to our Allure sound.

Allure continues to advance the Widex sound philosophy with integrated cutting edge sound processing that seamlessly balances the focus and awareness of the environment. And this is resulting in sound quality that's preferred 4 to 1 for speech, understanding the naturalness of sound and overall listening experience.

So the foundation is the Widex sound philosophy. Everything we do at Widex is based on this Widex sound philosophy and it centers on delivering the most natural hearing experience possible. It's made up of three guiding principles. Respecting all sounds. We tailor to the user and focus on what matters.

So what does that mean when we say we respect all sounds? We provide a sound that is pure and free of distortions. It's accurate by portraying the sound that is detected in the patient's real world environment and complete by capturing the complete picture. We tailor to the user by personalizing the sound for each individual. And we focus on what matters.

We provide a sound that is seamless and effortless. The goal of the sound philosophy is seamless integration of technology and user needs. And this results in crystal clear speech that is authentic and comfortable so that wearers can forget that they're even wearing their hearing aids.

Today, I am going to take that Widex sound philosophy to an even more advanced level with this discussion of our W1 chip. So we're taking it even further. And what's unique about this W1 chip is that the architecture of this chip was built from the ground up by Widex. And this is why we can take that Widex sound philosophy to an even more advanced level.

It's something we have developed. And the natural clarity of the Allure processing is powered by this new W1 chip, which is four times faster than our previous chip and it has the memory to match. This increased processing capability helps to seamlessly integrate new and enhanced features that aim to balance crystal clear speech with awareness of the environmental sounds.

We're able to do this with our precision hearing technology. There are five new and advanced features that are the heartbeat of the W1 chip. In order to achieve this precision hearing technology, we have our Allure Pure Sound, our Speech Enhancer Pro, our dynamic feedback Controller, enhanced sound Classifier and dedicated streaming compressor. Now our Allure Puresound. With Allure, we continue to retain that ultra fast 0.5 milliseconds with exceptional sound quality.

Now what we're able to do with this faster processing and that W1 chip is add more advanced processing features to the pure sound, such as noise management. And we've extended the fitting

range for Speech Enhancer Pro. I'm going to talk about this in greater detail here in just a few minutes.

We have improved our feedback management by implementing frequency shifting. And this is unique for Widex because we're using adaptive frequency shifting so specifically in that mid frequency range which tends to have a medium risk of feedback and is variable. Being adaptive is important because it limits audibility of the shifting that's necessary to prevent feedback. It's also tailored to the patient's ear and it's adaptive in the size of the shift, the speed of the shift and the starting point.

With Allure, we've improved both our classifiers and our controller to more accurately assess and categorize the situation the wearer is in. And we have added a new beat detector to better classify music. And finally, our new dedicated streaming compressor. Now when your patient is streaming, that streamed input has its own compressor separate from the mic input. And these two inputs are compressed separately and then combined for overall output.

And this prevents the signals from competing with each other and avoids any artifact of sound quality while streaming. Now some of these, you may think, well those sound familiar. With our new W1 chip, we're processing four times faster and all of these features are significantly improved. So now I've introduced the features behind precision hearing technology. I do want to get a little deeper into those features, specifically the Speech Enhancer Pro and research behind it.

So there is a lot that goes into the Widex sound philosophy. I do want to highlight just a few heroes of our unique technology. I'm going to start with Time Domain. That time domain filter bank for that pure sound is very important and very unique. For Widex, we are the only ones utilizing a time domain filter bank.

And the goal behind this is to minimize delay and offer a more natural sound than that traditional frequency based systems. We're able to deliver a natural distortion free listening experience that

closely matches how the human ear processes sound. At the heart of Allure, we have our precision fitting tools. We have our true acoustics 2.0 sound that is personalized to each individual's unique ear canal shape using advanced intelligent technology and measurements for a truly customized experience. And this is resulting in a more natural sound experience from the very beginning.

And lastly, Speech Enhancer Pro. This provides automatic continuous adaptation to the patient's environment using our new 52 band analysis to enhance speech clarity and reduce distracting noise in those real life environments.

So that's a quick summary of our features. Now what I want to do today is dig a little deeper into the Speech Enhancer Pro and how it is delivering that balanced clarity and awareness.

Now when we take a look at Consumer Reports and we look at the data out there, we know that hearing better in noise is the number one preference for our patients. With Allure, we continue to focus on the ideal balance between speech and background noise. Our Speech Enhancer Pro is a one of its kind approach to this noise reduction. It includes a new 52 band fast acting signal extraction that provides a more granular analysis of that signal in order to determine what is speech and what is noise. So this 52 band extraction is the part of Speech Enhancer Pro that distinguishes speech from noise with a goal of providing a perfect balance of that signal to noise ratio.

This 52 band analysis is on top of our SII based noise reduction. Now this is our 15 channel slow acting SII noise reduction and speech enhancement. So adding this new 52 band fast acting analysis on top of the 15 channel slow acting SII based noise reduction ensures a stable and consistent enhancement of speech above the noise floor and keeps environmental cues clear and distinct. And finally we have the hearing threshold level estimation to optimize the speech envelope for those moderate to severe hearing losses. And with this we can keep background noise constantly reduced while keeping speech input above threshold.

So that was a quick summary and overview. Now what I'd like to do is give you a technical look at it and break it down individually. So with this we can see the illustration of those three components. We have our Speech Enhancer Pro showing our fast acting signal extractor, our SII based noise reduction and our hearing threshold level optimizer. So first I am going to go over the fast acting signal extractor.

And this is precision filtering. It is a major upgrade in Allure's signal processing. Again using 52 frequency bands of analysis for a much finer, granular, more independent analysis of what is speech versus what is noise. As I mentioned before, this works on top of the SII based noise reduction from previous platforms. So what we're doing here is enabling smarter, more accurate separation of speech and noise in every band.

This leads to a much better noise reduction without sacrificing speech clarity. The result is that Allure can identify and reduce background noise more precisely and quickly to provide noticeably calmer and clearer listening experiences for your patients, even when they're in those challenging noisy environments. And this keeps our commitment to that Widex sound philosophy that we have now we'll take a look at the slow acting SII based noise reduction.

So in addition to the new enhancements for Speech Enhancer Pro, we are continuing to use the slow acting SII based speech speech enhancement in these 15 channels. This portion of the processing shapes the signal for optimization for each specific patient based on their speech intelligibility index. And it's slow acting to maintain a calm listening experience.

And finally, we'll talk about the hearing threshold level optimization in this portion. It's designed for slightly more significant hearing losses. It's a slow acting hearing threshold level that has an optimization of the speech envelope. And we are able to keep background noise constantly reduced just below the patient's threshold, while keeping speech input above the threshold.

So with our Speech Enhancer Pro benefits, we can see that it is an extremely powerful tool. With this new W1 chip providing a real time analysis of the wearer's environment and precisely separates the speech from the noise signal. It's able to dynamically reduce background noise while also boosting speech clarity. And it is constantly adapting, constantly adjusting as the environment changes and optimizing for that patient's specific hearing loss.

Now I've talked a little bit more about the processing. Let's have a look at the evidence. We love our evidence. To support the claims that we have, we have two new bodies of evidence looking at experienced hearing aid wearers reactions to the allure sound. Looking at the screen here, the paper on the left focuses on wearer's reaction to the first fit.

The paper on the right looks at their reactions after three weeks of wearing both of these studies for both of them, all of the data was obtained through surveys. So on day one, participants completed a survey on their own non allure hearing aids. And then they were fit with allure from here. On day 10, participants completed a survey on their first fit impressions. And then finally on day 24, participants completed a survey on the allure hearing aids and their preference to those hearing aids with respect their own non allure hearing aids.

So we'll take a look at the results and we'll first look at those first fit reactions. And what we found is that 83% of participants immediately liked the sound of widex allure. 80% of participants immediately found the sound of Widex Allure to be natural compared to their own hearing aids. And 89% of participants found the sound of Widex Allure to be clear. So what does this mean for you as a provider?

This means that offering Allure to your patients is going to give you and them successful fittings from the start. And this is instilling their confidence in you and less need for follow ups.

Now looking at that balanced focus and awareness for their experience in noise. For these key findings, Widex Allure hearing aids were rated higher across a range of real life noisy situations. So 70% of those participants say Allure gives them better awareness of their surroundings. And 74% of experienced users rated Allure higher than their own hearing aids in those noisy environments. So they rated it significantly better.

And Allure was preferred 4 to 1. That's 80% of the participants who preferred Allure for natural sound, sound quality and speech understanding compared to their own hearing aids. By building on the legacy of that Widex sound philosophy, Allure is providing a natural sound quality that stands out as a clear favorite compared to other leading brands.

All right, so now I have reviewed that Allure processing and talked a little bit about the research. Let's get into the portfolio and look at our Allure solutions. Our Allure solutions provide a confident choice for both hearing care providers and your patients. The portfolio includes modern devices paired with convenient chargers, complimentary accessories and a redesigned user app so wearers can feel connected and confident.

So as we take a look here, you can see that we have expanded our portfolio to include exciting new form factors. When we first started the launch of Allure, we started it with only a RIC form factor. And now today we are featuring a rechargeable BTE and rechargeable custom devices. This means even more patients can now experience the trusted audiological performance of Allure with its proven balance of focus and awareness. So our portfolio is designed to meet diverse wearers' needs.

Allure devices combine proven sound quality with versatile options, making them a confident choice for providers and patients. Now, when you take a look, you can see that all three of these devices have the letters R and D. So our Allure RIC, our Allure BTE, RD and our Allure ITC. So if you're not familiar with Widex, the R means Rechargeable and D means direct connectivity. So we're offering you three

form factors that are all three rechargeable and they all have Bluetooth connectivity compatibility.

Let's look a little deeper first at our Ricardi. So with a ric, it remains our flagship form factor, with the rechargeable RIC being the most popular hearing aid style. Now we have a wide range of chargers and an improved battery life. So you can see the variety of chargers that we have here and most importantly, the battery life of 32 hours of wear time. And that's with five hours of streaming.

So if we look a little closer, we can see the wind and touch resistant microphone cover. This is really nice. It helps to to reduce that turbulence over the microphones from high wind, hair rubbing over the microphones, or even your patient reaching up and touching the microphone. We have the LED light indicator here, right in the center. This is fantastic.

Indicates when the hearing aid is powered on and off, among many other things such as Bluetooth connectivity and low battery.

The button here on the back is programmable. You can have it as a volume control. Where the right raises the volume, the left lowers the volume. You can also program it and it can be a mute function or simply change programs for the patient. We have an integrated telecoil and call control.

So we do have Bluetooth connectivity for streaming. As far as call control, that tap control is going to be for iOS devices only.

The portable charger is my favorite. This will hold a charge for your patients. And with this new portable charger, it provides that extra freedom from charging cables for your patients when they're on the go. That's why I absolutely love it, not having to look for an outlet to plug it in in order to charge my hearing aids. It'll provide over four full hearing aid charges on average.

It does have LED lights on the front to indicate the charging status of the hearing aids, as well as LED light indicators on the bottom to indicate the charging status of the charger itself. Now, when I say four and a half charges to a pair of hearing aids, that is if the hearing AIDS are at 0% battery life. And we know that your average patient is not going to wear the hearing aids to 0% battery life on average, they're going to place them in the charger every night. And what that means essentially is your patients can get a week or longer use out of this portable charger before they need to plug it in.

Now let's take a look at our bte. So the Allure BTE rd, this is advancing Widex's promise of natural hearing. The Allure BTE delivers that same strong allure audiological benefit, carefully balancing that crystal clear speech with rich environmental sound. And we're now able to extend this audiological benefit of the Allure platform to wearers who have a mild to profound hearing loss. So with this advanced connectivity, an intuitive app, a slim design, convenient chargers, the Allure BT is dependable.

It's a dependable choice for wearers who want a device that has power. They're looking for durability and control.

It comes equipped with user conveniences such as an LED light indicator, an onboard push button for program change, and it has an independent toggle for volume control. You'll see here that it is compatible with the standard charger and the charging clean. And I also want to point out the wear time again. Up to 32 hours of wear time with 5 hours of streaming.

So taking a closer look, it's going to carry over that same wind and touch resistant microphone cover. You can see the push button here in the center and then the volume rocker switch at the bottom. That LED light indicator is there. In the middle of that volume control. It has that integrated telecoil, Bluetooth connectivity for streaming and call control for iOS devices.

The Widex Alure BTE has the flexibility of being fit with an ear hook to accommodate that clock, classic tubing and ear mold fit. Or you can use a thin tube and non custom ear tips. This is going to use the thin tube adapter. Now keep in mind that for this BTE it is a slimmer, sleeker design. So you will need a new adapter and ear hook for this bte.

So if you're going to use the v2 thin tubes, you, you will need that new adapter and the new tool and the new ear hook for that. So keep that in mind. The Allure BTE has up to 76dB of gain. And you can see the fitting range is able to accommodate mild through severe to profound hearing losses. And it comes in 10 stylish colors.

I will say my personal favorite is the rose gold. This gives your patient those options for choices.

Now finally, let's talk about our Allure ITE rd. So for those patients who value simplicity and comfort, the new Allure ITE continues to deliver a natural balance of speech clarity and awareness of their surroundings. Now it's in a custom form factor. So this is going to bring the benefits of the Allure platform to more wearers. It features contactless charging, so what that means is that it's great for dexterity.

The Allure IT ease can simply be placed into the colored wells in the charger. Just drop them in and that inductive charging will take over. It has hands free bluetooth connectivity and an intuitive user app. So helping our patients stay effortlessly connected in their daily lives. And all of this is with up to 19 hours of wear time with 5 hours of streaming.

So we take a look at the ITE fitting ranges. You can see that we have three receiver power options that you can fit with the Allure. So for patients with significant degrees of hearing loss you can accommodate that. If you take a look you may see a little bit of overlap with these fitness fitting ranges. It is advised that if you're going to consider a lesser power receiver, think of that when you're debating if

you're not sure.

So we advise you that you consider that lesser power if you're unsure if you're on the fence because this is going to lessen that risk of sound quality issues or issues due to loudness comfort.

And for the Allure Iterd, you can see we have four for stylish colors to choose from and I would like to mention here that the mic covers are replaceable in office.

So now I would like to take a look at the chargers that we have for their compatibility. So I've shown them to you with each individual. What I want to point out is that the standard charger and the charging clean, these are interchangeable for both RIC and bte. So if you happen to have a standard charger in your office, you can use that standard charger to charge both the RIC and the BTE as well as the charge and clean. So those are interchangeable.

So that is nice if you have one of those already in your office. Now the portable charger, that is going to be for the RIC only and of course the IT charger is for the ITE only.

Now that I've gone over that processing capability, the research and our solutions, I now want to touch on the Widex that we have available. Our Allure accessories are compatible with all Allure styles. The Allure app for easy customization in the moment, harnessing that power of AI, you simply have your patients navigate to their Apple or Google Play store and search for the Widex Allure app to download. We then have our RC Decks remote control for those patients who they don't have a smartphone or maybe they don't want to use an app to control their devices. The rcdex is great.

It's simple and provides the ability for your patients to change program and volume. And then of course we have our TV play 2 that offers clear binaural echo free TV streaming. This works with all of our Allure products and is backward compatible with our previous platforms.

And of course we have our app. It is fantastic. The Allure app was launched with our Allure platform and we recently pushed an update to this app because as mentioned earlier when we launched Allure we only had our Rick forming factor and once we introduced our BTE and our ITE, we pushed an update to the app so that we can include help guides for these new styles. And you'll also see that patients have the ability to update firmware in their hearing aids via the app, which is very convenient. What your patients see in the app battery status for the hearing aids in the top left over to the right they will have their hamburger or menu.

For programs they can add shortcuts like a little widget here. For Directional Focus Equalizer AI Assistant, they can adjust volume sliding left and right my favorite guides and support. And of course if they tap on more they can get hearing aid information and app settings.

So as I mentioned the guides and support tapping on that help icon in the bottom center is fantastic because we have guides and support that offers overview of hearing aids and the app, information on connectivity, streaming, troubleshooting tips as well as guidance and troubleshooting on topics related to sound. So help your patients utilize that icon in the app and maybe they can find an answer here before they need to give you a call or come in and see you.

Now if we take a deeper look into the app, if your patient taps on the hamburger menu icon in top right corner, that will take them to the program. So if you have given your patient programs, this is where they will find them. And if they navigate to the telecoil programs, if you've given them that telecoil program when they go there, what you can see is they have the ability to adjust the volume of the information streaming through telecoil versus their surrounding sound. So they have that ability to adjust that microphone mix with the sliders here we also allow for easy customization. So if your patient taps on adjust sound they'll see additional features such as Directional Focus, our AI Quick Assistant and equalizer.

If they like to have easy access, for example Directional focus, they just want to quickly tap and access it very very quickly. When they tap on the star it will make it a favorite and you'll see that it adds a widget. So so now underneath that program menu icon. You now have the directional focus that is on the home screen, so it makes it faster for your patient to easily access that.

And our new AI Sound Assistant and AI Quick Assistant are similar to what we previously called Sound Sense, Learn and Mysound. And this is leveraging all of that real time AI that Widex pioneered, the sound assistant that's going to include those AB comparisons that gives your patient the opportunity to listen to sound A, listen to sound B, compare the two and choose. It's now in a more intuitive and easy way to follow for your patients, the AI Quick Assistant. This is going to have your patient choose from a list of activities and then make one recommendation based on real time AI data. And this is that cloud based data that we have collected from the use of the Moment app over the years.

Again, super quick and simple for your patients.

Okay, so we've done a lot today. I've gone over sound processing, we've talked about the solutions and the accessories and now what I'd like to do is get into the Allure fitting. Because a successful first fit is crucial, giving users immediate confidence and comfort while reducing that need for follow up adjustments. It's very important. And then what this does is it leads to that higher acceptance rate and a smoother transition to better hearing.

With a data driven fitting rationale, our intuitive workflow and in situ tools like acoustic calibration, you can feel confident that you're able to deliver a personalized, comfortable sound, boosting confidence and patient satisfaction from the very beginning.

In our software you're going to see our precision fitting. And under precision fitting you're going to find two powerful in situ tools. We have our acoustic calibration and the Sensorgram. Acoustic calibration is highly recommended. I would like to say it's required.

The only reason why I won't say that it's required is it will let you advance into the software. If you choose not to perform it, I am going to highly, highly, highly recommend it. So when you're in the software, you're under precision fitting, you see acoustic calibration. Make sure those hearing aids are in your patient's ears and you perform that acoustic calibration. The reason for that is because this is powering both the dynamic feedback controller that I talked about earlier and the True Acoustics 2.0 algorithm.

And this aims to support clear, stable sound regardless of the ear tip choice. And then we have the Sensorgram. It has been redesigned for the Allure platform, offering optional in situ threshold measurements to help establish accurate gain and noise reduction. Targets. So together, these two tools enable confident first fits, improve sound quality and higher user satisfaction.

So what I'd like to do now is walk you through the first fit flow, go over the acoustic calibration for True Acoustics, that new sensorgram, and a few other fitting software updates and tips.

The goal of our first fit is quick and simple. So you're going to launch your Widex Compass cloud and connect your devices. So once you've connected your devices, you can choose to start a new fitting. You can read out the current fitting and you'll see the devices listed. Simply push the button on one of those hearing aids and it will indicate on the screen for you to select whether it is left or right.

You'll see these instructions, they're displayed on the right hand side for you. And in this case, when I detect my hearing aids, you'll see that I am using demos. And for my demos, if you don't have any, highly recommend you get them because as you can see, it allows you to select the performance level

that you'd like to demo for your patient. Now, once you're here, you can see that you will choose your acoustic selection. So you're going to select your domes and your receivers.

You are going to see a star for a recommendation. So we will give you a recommendation of what we think you should fit. You can choose what you prefer is best for your patient, so you can choose our recommendation or decide if your patient needs something different. And that's okay. So that is the first step.

Now if you look, you can see over to the left that panel. Acoustic selection, the green check mark indicates that it has been performed. And now what we're going to do is just navigate down the left hand side and the next step that we're going to take is we're going to click on precision fitting. Now, precision fitting, this is where we're finding that True Acoustics 2.0 and I mentioned it and I will stress it again, it is very important to run this calibration. And the reason why we're running this calibration is because The True Acoustics 2.0 personalizes the fitting process.

The first fit gain settings will be based on the individual's ear canal acoustics. It's measuring vent effects such as vent diameter, length, leakage and ear canal resonance, such as ear canal volume, middle ear compliance for each individual patient. Now, when you click on precision fitting, you are going to see calibrate down at the bottom. So you're going to go down, you'll see that you can run both ears right and left, or if you choose, you can run them independently. You'll click on calibrate and you'll notice that you'll see it's preparing to calibrate and then you'll see the indicator to let you know when the sound is playing in that ear.

So that sounds sound icon indicates that it's playing in the right ear and then you'll see it playing over in the left ear. And this is a burst of static that's being played into the ear. And then once it's running and once we have finished this calibration, if you take a look at the screen and the graphs, you are going to see that red and blue shaded area. Now, this red and blue shaded area represents that estimated

feedback threshold. When you look at this, you want more space between the bottom of that estimated threshold and your gain curve.

And the reason why, the more space you have here between this shaded area and your gain, it's better because you have less risk that you have of hitting that feedback curve as you increase your gain for audibility. Now, once it is completed, you're going to see the check marks next to the right and left ear graphics, and then you're also going to see a green check mark next to precision fitting over in the left hand panel. Now, again, important to run this calibration because this algorithm ensures that the gain is adjusted to the individual wearer's ear canal and the way the ear tip fits into the individual ear. So it's going to estimate that vent effect, basically how much sound escapes the ear, which is mostly those low frequencies. And it's also going to estimate that ear canal resonance, which is mostly those high frequencies.

And it's going to compensate gain for both of those. Now, after running that acoustic calibration, you can decide if you'd like to run Sensorgram. And this is optional, and you can see that it is at the top, just to the right of acoustic calibration. So if you look above the right ear graph, you can see we're in the acoustic calibration tab and you click on Sensorgram. Now, keep in mind, this is optional.

It can be used to further personalize the fitting and reduce the need for additional fine tunings. So if you're going to run the sensorgram, know that it is going to adjust gain based on the in situ measurement. And this can help simplify the fine tuning process. So when you click on Sensorgram, you are going to see four frequencies that have stars just below them, and those are the thresholds that are required. Now, if you start your measurement, you see these four thresholds.

Now, if you'd like to. Sorry, four frequencies. If you'd like to test more than those four frequencies, you can remove the check mark next to required frequencies only. Also pay attention to that shaded area, the three the where your plotted threshold is and then the shaded area. That is going to be the area that

you want to keep your thresholds within.

That's considered the acceptable range. And you don't want to have your thresholds too far outside of that acceptable range. You'll notice that to present the tone, you can take your cursor and hover over play, or you can use your space bar to present. So if you want more frequencies, you can remove that check mark next to required frequencies. Once you have done your threshold search again, you want them to be within that acceptable range.

If you find that your patient's responses are extremely far off from that estimation of acceptable, you may want to reinstruct your patients. Check placement, maybe noise level in the environment, just to make sure that you're getting the most accurate measurement. Once you have completed, you can run the other ear again. Centigram is completely optional. It's an optional tool to customize gain settings for a more personalized fitting.

So empowering hearing care professionals like you to further individualize the fitting experience when additional precision is needed. And it can lead to higher patient satisfaction through greater personalization. All right, so we've done our acoustic selection, we've done our precision fitting and ran our acoustic calibration. We've decided if we'd like to run Sensogram. Now, on the left hand side, we're going to navigate to programs and tuning.

And this is where you can adjust your gain as needed based on your soft average loud inputs. So you can go down, select your loud, your normal, your soft. You can drag lasso, you can make 3 DB incremental changes, or you can make 1 DB incremental changes. Now, what I do want to point out here is that if you look, you'll see that the low frequencies are grayed out. And that is because of our low frequency stabilization.

So with this we know that it's more open fitting. And so because of this open fitting, direct unprocessed sounds are audible in those low frequencies. So if you'd like to get the gain back, you can simply remove that check mark. For low frequency stabilization, you can uncouple the ears, have it on in one ear, off in the other, leave it on in both. It's really up to you and the need for your patient.

You can also view your compression ratios simply by clicking on the CR there in the middle of the screen. Now we're going to move up to the top where you see universal program, and you see where PureSound is recommended. So PureSound is a program that's recommended. If you click on that plus plus sign, you'll see your program options that allow you to add pure sound as a program. Now, what's great about adding a program, when you click the plus sign, it's going to inherit the gain from your universal program.

So that's fantastic, because if you do real ear, you match target and you add any additional programs by clicking on that plus sign, you're going to see that every one of those programs is going to inherit the gain from that universal program. Now, if you look at your programs that you have here, just to the right of the name of the program, there's little ellipses or three dots you can also duplicate. What's different about duplicating is that it will inherit gain and hearing aid settings. So, for example, we turned off that low frequency stabilization, and when you duplicate that program, it's going to carry that as well as your gain over, and then you can simply click on the program and drag them around, similar to what you would do with your in your web browser. So if you prefer to have pure sound in the first slot, you can do that.

And then in addition to duplicating programs, if you click on those three little ellipses, you can also reset fine tuning for a specific program. So if you'd like to reset fine tuning for one program and not them all, you can do that. Once you've completed, you simply click on end session and that will end your session and save it to your database.

All right, so with precision fitting in our compass cloud, your fittings are personalized for each patient's unique ear canal shape. So that acoustic calibration, as I mentioned, it's very important. And through that acoustic calibration, it's allowing that software to take into account the measured Ventifex and ear canal resonance for each patient. I mentioned earlier that it's highly recommended. If you choose not to complete the acoustic calibration, it is simply going to use estimated Ventifex and ear canal resonance from a large real ear study that we have completed.

While acoustic calibration delivers advanced in situ personalization for many of your patients, we do have the Centigram. And the Centigram offers supplemental flexibility to address unique listening needs or preferences. Again, Allure Centigram is optional. It's an in situ tool for more precise gain targets based on ear canal resonance and ear tip placement. Our data it shows that a measured Centigram is no longer required, especially with our Allure fitting and process capabilities with that new W1 chip.

So it's no longer required to achieve a great Widex first fit. We do know that when deeper fine tuning is desired, the Centigram remains a powerful in situ measurement option. So it is there for you if you need it.

Now with our new W1 chip, the Allure and our precision hearing technology, we're providing a natural clarity for your patients and this is what your patients want. And our cloud based fitting solution offers intuitive and streamlined great first fits. The new cloud based fitting software it's always up to date so while you're sleeping we are able to update it and by being cloud based it makes evolution and innovation faster. We're able to keep the software up to date for you and add new enhancements more often. When we found that our providers really enjoyed Sensogram, this cloud based software made it easy for us to quickly add it back to our software for you and as you look at our timeline we moved quickly to get this feature back to you and we continue to add more and you can see here that we have

much more to come in the next year.

So I hope I was able to emphasize today our commitment to you with Fit Forward. Our commitment being tangible patient benefits with our Widex Allure that's backed by real world data and our most natural hearing experience yet. We have successful fittings from the start and our commitment to continue to innovate our solutions and our fitting flow to improve the experience for providers like you. If you would like further information, we do have our references for our studies and I appreciate your time. Hope you have a wonderful day.