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Unlock a World of New Possibilities for Tweens and Teens

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Foreign.

Good morning or good afternoon, everyone. Just making sure that my audio is good. My name is Evan Clayer and I welcome you to unlock the world of new possibilities for teens and tweens. We'll be discussing Infineo Ultra today. I'm joined by my colleague Amanda Fulton.

If you'd like to introduce yourself, Amanda. Sure. Hi, everyone, I'm Amanda Fulton. I am on the Phonak Pediatrics team and we are excited to be presenting this to you all today. Great.

Before we get started, we wanted to just kind of go over the disclosure that Amanda and I both work for Phonak us. We do not have any other financial disclosures to provide. And if you want to see the risk and benefits for this presentation disclosure, this will be available to you in your handouts that you can look at when you take those handouts with you. All right, so we're going to move on and to kind of let you know what our learning objectives are. And for the remainder of the presentation, we're going to be without our cameras so that we have not.

So we're not distracting you. So today, after this course, our hope is that you will be able to describe advancements in AI powered features in Phonak Infineo and also list target changes that streamline the fitting process for you and describe updates to Phonak Jr today. And with that being said, we are going to go ahead and we are going to get started right now.

So last year, the world changed. And with the introduction of Phonak's Infinio, our real time AI technology, life kind of changed for your patients, right? Suddenly, meeting with friends in a loud coffee shop wasn't as daunting as it was before or challenging as it was before. Your patients could confidently join in on a group conversation and become somewhat normal. It was a normal experience for them.

And having to constantly give attention to manually or making adjustments to their hearing instruments became a thing of the past and a world of possibilities was unlocked. And so now, a year later, there's still nothing compares to Infineo. So building on that momentum and everything that you love about Infinio, we're excited to bring you to the next step in innovation with Infineo Ultra.

So if we look at fittings over the past year, we can see from the data that most pediatric fittings are done with BTE devices, so approximately 80%. And we can also see that about 20% of those are rig fittings and those are seen between the ages of 13 to 18. And some of those are also between the ages of 9 to 12. So as a point of this presentation today, it's this group of emerging receiver in the Canal users that we're going to be focusing our time today to see how Infinio can benefit our teens and tween population.

So this is the Infineo portfolio as you currently know it, but today it's even better. Technology is always processing and progressing, and today we're highlighting the wealth of improvements that you get with Infineo Ultra.

For our agenda today, we'll be focusing on four areas showcasing how Infinio Ultra is adaptive, clear, connected, and easy. For each of the categories, we're going to focus on three things. Number one, what does the technology do? Number two, the difference it makes. And three, why it's even better with Ultra.

So first, we'll take a look at the heart of Phonak sound, which is AutoSense. So with AutoSense OS, patients are getting an automatic hearing aid that seamlessly adjusts to provide them with an optimized hearing experience and then with settings that suit every situation. And so, for a quick refresher of what Autosense does, we feel that this video with Oscar really kind of drives home kind of the interpretation of that foreign.

This is Oscar, a chameleon. He lives in a world that's constantly changing and full of challenges. Like us, he needs to adapt quickly to thrive. His superpower adapting seamlessly. That's just like Phonak's AI powered hearing solutions.

Powered by advanced AI, Phonak, Autosense OS senses, analyzes and adapts to listening situations instantly. Just like Oscar responds to every change around him. Whether you're sharing a romantic moment, walking through a windy park, or dining in a noisy restaurant. Phonak hearing aid AI technology automatically adapts to every situation so you can focus on life.

Oscar is a pretty handsome guy, right? But just like Oscar, Autosense can go with you anywhere. So, as you would expect from Phonak, we like to stay cutting edge with the technology. And as new technologies evolve, we take that opportunity to be even more accurate. Autosense is already addressing the daily life with precision, just like Oscar as he moves through those environments.

However, we wanted to understand if there was an opportunity for us to make this even better for you.

So if we think about how we use machine learning or AI to train AutoSense, first we start with an input, and the inputs are many, many different sound scenes. Then AI searches for typical features in that sound sample so that it learns that those features belong to a particular category of sound environment. When it sees a similar set of features, it can then classify that environment. And then we know that with machine learning to train a classification system means its performance also depends on the amount of data used during that learning phase. Thanks to the development of our deep Sonic chip, we've built and can access a large database of millions of sound or speech and noise recordings.

And it offers us a great opportunity to retrain the environmental classifier. So with that database, we were able to now retrain AutoSense with 18 times more sound samples than previous generations, making the classification more robust, more accurate, and bringing you autosense os 7.0. So you can

think of this like changing from an HDTV to an ultra HD 4K TV, which offers a more sharper and more detailed image than before.

So this retraining of AutoSense focused on how we can further improve their performance and sound quality of kind of two most nuanced acoustic scenes that we classify. One is speech and noise environments and the other is music. So in typical Phonak fashion, we verified this in multiple ways.

So results of an internal technical measurement following the retraining of our system showed that the environment that was labeled as speech and noise was classified by AutoSense OS 7.0 24% more accurately when you compared it to AutoSense OS 6.0. And likewise, AutoSense OS 7.0 also classified music 24% more accurately than AutoSense OS 6.0. And when we compared the data logging during real life use in a field trial, we see that newly trained system was more accurate in the real world.

So this improvement in classification accuracy results in patients benefiting from the right combination of features and functions according to the listening environment that they're in. And verifying this in clinical Studies showed that Autosense OS 7.0, through its even more accurate classification, is now boosting speech understanding and noise, making it a key innovation by improving the audiological performance of our hearing instruments. So ultimately, your patients can enjoy that exceptional sound quality at any moment.

Now, working quietly behind the scenes in the background, and orchestrated by autosense os, we have our smart speech technology features. These allow for smoother interactions without the need for manual adjustments in our devices. So whether in a small group, a noisy cafe, a busy hallway in school, or in a quiet one on one conversation, these features aim to support natural communication by adapting to different environments. They help wearers feel more connected and comfortable throughout the day. If we look at Speech enhancer, it's the hero for soft voices and quiet.

If we look at motion sensor hearing, it takes the lead for conversations on the go. And for noise, there is a suite or a powerhouse of options for you with infineo ultra. AutoSense OS 7.0 is orchestrating our smart speech technology features with greater accuracy, prioritizing speech understanding, prioritizing sound quality and reducing listening effort. So that's the beauty of smart speech technology and autosense and it's seamlessly adapting in the background so your patients can get the benefit without the extra effort needing manual controls or adjustments.

So we've also updated junior mode defaults for noise reduction based on a review of recent evidence that supports a child centered verification, informed decision making approach. Adaptive noise reduction may provide a slight improvement for speech recognition when activated, but more often benefits such as improved ease of listening, comfort preference or sound quality improvements have been reported. These defaults are a good starting point and children and families report situational loudness issues that can be highly individuals. So when you make adjustments to the settings to meet individual needs as a component of your noise management, it's important that you meet individual needs and they may require tailoring for specific patients. And so that's why we have these junior mode defaults.

In our 2025 Target track data analysis, we looked at over 68,000 pediatric fittings and it let us see some trends in terms of programming and use. The data showed that the difference in wearing time for receiver in the canal compared to BTES was minimal. But from this we could also conclude that the form factor wasn't necessarily contributing to the overall wearing time of the individual pictured. Here we see a familiar pattern of increase in wearing time as age increases and we also see a tre increasing wearing time with technology level. So as the technology level gets higher we see an increase in wearing time and we can also see this across different age groups.

So we determined that technology level could actually be playing a role in how long kids are wearing their hearing instruments for each day. And knowing that we want to focus on technology available for those higher technologies in this presentation today.

And that brings us to the unique offering of Infinio Sphere with Spheric speech clarity. The breakthrough technology powered by a deep neural network capable of separating speech from noise. For the number one patient listening need, speech understanding and loud noise, especially when having group conversations with ultra, patients hear clearly any voice, any direction, always clear. Here's how it works in everyday life.

Spheric speech clarity is a true breakthrough in sound cleaning for separating speech from noise. It extracts the speech signal, enhances it relative to the background noise and then integrates the enhanced speech back in, leading to an unprecedented improvement in speech clarity. It can do this with speech from any direction, even when speech and noise are coming from the same direction. Think about a student's busy classroom, a noisy cafeteria, and sports critical situations where hearing speech is especially challenging. The deepsonic chip that powers the dedicated DNN works in partnership with the aerochip that handles AutoSense and connectivity.

When AutoSense determines that the situation requires additional help in noise, it engages spheric speech clarity on the Deep Sonic chip to perform the extraction and enhancement of the speech. That speech is then integrated back into the signal and delivered to the patient's ear all instantaneously. The performance of spheric speech clarity speaks for itself. Spheric speech clarity is setting the benchmark when it comes to handling noise. We see this in multiple dimensions, such as in technical measurements, in clinical studies and from hearing care professionals.

Feedback and perception let's break it down. When tested in realistic scenarios, spheric speech clarity delivers up to 10.2 dB SNR benefit. It instantly separates speech from noise and maintains the SNR

benefit from any direction. Also, when analyzed by external independent test facilities, infiniosphere outperforms competitive devices and ranks highest for the speech and noise score.

This performance leap is also observed in clinical studies with spheric speech clarity providing benefits for both listening effort and speech understanding. When compared to other brands, patients are up to three times more likely to understand every word from any direction. With spheric speech clarity activated, they can also navigate noisier environments without an increase in listening effort. I recall the patient who, after being fit with her new hearing aids and going out to eat with family, who remarked to them that she was disappointed it wasn't noisier so she could really test her hearing aids out. Her family assured her that it was noisy.

She just wasn't having to work as hard. And this story isn't unusual. Hearing is believing and after receiving a listening experience of how spheric speech clarity handles speech in noisy environments, 99% of providers believe that spheric speech clarity will set new technology standards in the hearing care industry and 100% believe this is a game changer. Infiniosphere delivered an outstanding hearing aid experience. With something that good, we immediately wanted to see how it might benefit younger patients.

We have learned a lot about Sphere for adolescents from technical measurements and from the preliminary data from Vanderbilt University. There are two key things that we have learned so far. The first is that spheric speech clarity is giving benefit to kids. Given the technical measures that we have run, this result is really pleasing and we're excited to share the results as we get them. The second is that we have a lot more to learn and we continue to investigate with technical and clinical research, some of which is nearing completion.

So the recommendations for Sphere are We should give children access to spheric speech clarity. Work with the child and family to determine if they need a stronger setting. It would be great if the child

has access to the MyPhonak Junior app so they can be oriented to the noise reduction slider and can adjust the setting in real world situations. Partner with the families on this from the time a child is diagnosed with hearing loss and fit with amplification, parents evolve their understanding of the benefits and challenges of device usage. Parents don't always understand the impact of noise on their child's life, particularly when the hearing aid fitting happens in an audiology booth at an early age.

As our child ages, grows and moves out into the real world, they begin to have firsthand experience of communicating with their child in noise and its effect on communication. The first step toward noise management considerations is to ensure that parents actually understand the implications of device use in noisy environments. As one parent stated, my child with hearing loss is like a hearing person when we are in quiet situations and communicating one on one close up. I have to admit I thought that's how she also heard when we were in noisy situations. It took me some time to realize that my child is not a static listener.

Their access to communication is highly dependent on the environment they are in. Our child's audiologist was actually the first person that helped us understand the impact of noise. It was a life changer. We particularly became stronger advocates in the educational setting as our child began to move through the changing listening environments throughout the day. As parents, we must be aware of how our kids are using their residual hearing in the real world and use all the tools available within our reach to give our kids access to communication in their world.

Giving children Access to the MyPhonak Junior app can give information to inform the best setting for that child. Lastly, we need to recognize it is a different sound for the kids and therefore there could be an adjustment period. Listening through Spheric speech clarity. Spheric speech clarity has provided such a life changing sound for patients that we wanted to provide the ability to have it even longer throughout the day.

At Phonak, we don't make technology just for technology's sake. We innovate with purpose and continue to lead the industry we have taken our most innovative, most advanced and most high performance feature and made it even better than before so your patients can benefit even more. We're now introducing spheric speech clarity 2.0. Let's have a look at what's new and how we got here.

Our main goal behind spheric speech clarity 2.0 was to make sure patients could benefit from this breakthrough technology for even longer, resulting in the challenge to make Spheric Speech Clarity more efficient. We set ourselves the ambitious goal to increase efficiency by a stunning 30%. To reach that efficiency improvement, we started by creating a new DNN architecture for Spheric Speech Clarity that runs on our Deep Sonic chip that requires 30% less current consumption, yet delivers the same performance or better than the current DNN on Deep Sonic. So we built it and tested it out. We observed that spheric speech clarity 2.0 performs better or on par with the performance of spheric speech clarity 1.0 for overall sound improvement and noise improvement within the technical analysis of the SNR benefit, both achieve more than 10 db SNR benefit in challenging listening environments showing peak performance at a negative SNR where speech understanding and loud noise is the most challenging and most needed.

Since this new chip architecture delivers same performance now we will take a closer look at the new battery runtime results to understand whether overall efficiency improvement has been achieved.

We conducted measurements to confirm the improvements in battery runtime for the infiniosphere. With the previous generation of Spheric Speech Clarity, the feature could have been used 8 hours nonstop when using Spheric Speech Clarity 2.0 nonstop on a busy school day or during a large event, it can run up to 11 hours, delivering clear and clean speech far beyond any existing technology, which is indeed a 30% improvement in efficiency. If we look at a mix of environments like more realistic user listening profiles when using spheric speech clarity 2.0 and still aiming for a 16 hour day, spheric

speech clarity 2.0 can be used up to 9 hours within this time frame. This adds peace of mind, for example when having extracurricular activities planned in the evening, yet the devices have been worn since the morning hours. Think again about the benefits this feature brings for improving speech understanding and reducing the listening effort.

Patients can now enjoy these for even longer.

Before moving on, I want to share a quick word about battery runtimes for our Infinio devices. You may be well aware of our battery runtime communication of 16 hours, including 8 hours of streaming. This is a minimal product requirement that we test, knowing this is more than sufficient to get patients through an entire day of listening. After we reached the 16th hour in our test, we stopped it. However, what we observed is the industry is often communicating the maximum runtime, which may have caused confusion as it is not comparable with our minimal requirement.

The maximum runtime usually means that the hearing aid is in a calm situation or equivalent program nonstop where power consumption is usually the lowest. For better transparency, we've also conducted maximum runtime measurements, which makes it easier for you to compare the battery runtime of Phonak hearing aids and other devices on the market. And with the Infinio R, the maximum battery runtime is up to 31 hours. This is similar for Infinio Sphere. When comparing the maximum battery runtime compared to other devices on the market, the battery reaches a staggering runtime of up to 56 hours when using the hearing aids in a calm environment nonstop.

In summary, with Infineo Ultra, patients can benefit from autosense os 7.0 and its even more highly precise classification and adaptation for improved speech understanding and sound quality so they hear the world more clearly whenever, wherever Infineo Ultra Sphere wearers have peace of mind that spheric speech clarity 2.0 is available whenever they need it thanks to being 30% more efficient.

So we've discussed how Ultra is clear and adaptive. So next comes Connected.

So with our third topic we see that Infinio Ultra, which is market leading connectivity and is always universal, offers connectivity that works. So no matter the device, no matter the moment, this universal connectivity is what you have come to expect from Phonak over the years.

So we revolutionized the hearing aid industry by designing the first device to offer universal connectivity and we continue to build on that heritage with era. But what do we mean when we talk about best in class connectivity, experience and connectivity needs? Connectivity and versatility is not created equally in the hearing aid industry and our universal connectivity to this day is still unmatched. It is still the only connectivity that offers at all without compromise. So looking at smartphones for example, our universal connectivity can connect to more than 6,800 smartphones.

We can maintain two active Bluetooth connections with eight Bluetooth pairings, while other Bluetooth enabled devices can also connect as well. Other solutions are more complicated to set up such as requiring a streamer or they have limited connection with specific devices and device pairing abilities due to specific protocols such as Asha and mfi. So at Phonak we use universal connectivity to ensure that we can connect to thousands of Bluetooth devices currently available in the market so that your patients don't have to worry about what they're connecting to now. This becomes increasingly important when we think of how connected our younger patients are. 90% of 13 to 14 year olds and 98% of 15 to 17 year olds own a smartphone in the United States of America.

And Phonak's internal data shows that there's a change in streaming use over transitional years. So here we are looking at the median daily usage of different streaming programs as a child grows. What we see here is Roger is being used more by preschoolers and primary school age children when you compare it to the 0 to 3 and 13 to 18 year old population. Media Speech and Media Music classification is the most dominant type of streaming in the teen age group. With universal connectivity available for

all platforms and performance levels, streaming is easily accessible for children with hearing loss.

In addition to streaming, universal connectivity also provides access to app use with the MyPhone and the MyPhonak Junior app.

Having access to a hearing app is also supported by research. A study by Sarah Newman and others at Hearts of Hearing found that while children were really confident in less challenging listening situations as soon as they entered an environment that would be considered challenging, having access to an app significantly increased their confidence level. So during a study looking at dynamic noise cancellation for children ages 10 years and above, we also used a questionnaire to look into levels of anxiety in kids with hearing loss when they knew that they would be entering a challenging listening environment. The majority of these adolescents were confident and these challenging environments didn't cause any significant levels of anxiety. So for 47% of this group, they did not report they did report feeling anxious.

Of the seven kids who reported feeling anxious knowing they were going to a challenging listening situation, out of those kids, 6 of 7 reporting feeling less anxious knowing that they could have control of their environments more with the app. Some of the things that they said is that they felt less anxious because I was able to tune out the noise. The noise doesn't make me frustrated because I'm able to hear better. And there was a study at Vanderbilt that showed for many participants, the advanced noise cleaning technology can be beneficial in terms of subjective listening effort. And this supports the access to advanced noise cleaning for adolescents, especially if they have access to a smartphone app or can manually manipulate the settings in the hearing instrument.

And finally, the myphonak junior Study at the University of Maine showed that speech intelligibility was not compromised when children adjusted to noise reduction and speech focus sliders in the MyPhonak Junior app. In a challenging listening situation. So our goal is to reassure you HCPS that considering

introducing MyPhonak Junior to your kids is beneficial. And from a clinic appointment management standpoint, don't forget we have patient convenience perspective. It also provides the opportunity to offer services through remote support through the Myphonak app and the MyPhonak Junior app.

Myphonak junior is compatible with Marvel, Paradise Lumity and now with Infinio R and Infinio Sphere. With version 2.0 it receives some major upgrades. Let's take a look at those upgrades. So the upgrades include expanded functionality for one volume control or volume management, the ability to have custom programs now the ability for streamer balance or streaming balance, the ability to find my hearing instruments and of course we also have cleaning reminders. So rest assured before integrating these features into the Myphonak Jr. We did do some usability studies, so we'll highlight some of those results as we go through.

Let's first take a look at volume management. So if we can imagine a child who has fluctuating hearing loss, especially if the fluctuation is not in the same or is not the same in each ear, right? Another potential use case would be what if they want to focus on speech from the left and reduce some of the noise from the right? So having access to a split volume control in My Phonak junior could be beneficial for these kids. Activation of split volume control lives behind the parental control lock and when you return to the home screen after you enable this, you will notice that you will have left and right icons in the app.

Now to use the split volume control, simply select the left icon or the right icon and adjust. If one or both ears are changed separately, you just need to make sure that you keep the ears separated in the app to maintain those levels. If you combine the volume control control back again to a single slider, the VC will default back to 5. You can also mute the devices in the home screen if you like. Now of note, if you go into adjust settings, the volume control will also be at default.

If a child needed to have a different program or a custom program, they could go to the custom program and then adjust the volume control for each ear, but that VC will default to 5 when the hearing aids are turned on and off again. So basically, in summary, you can split the volume control, keep it open if you're making adjustments. If you go back to a single slider, it defaults back and if you switch programs. But if you go back out of the app or turn the hearing aids on and off, it will then revert back to the standard volume.

Next up is creating custom programs.

So creating custom programs works the same as it does in My Phonak. Custom programs can be renamed or deleted. And in MyPhonak Junior the maximum number of custom programs is 4 as opposed to 10 in the MyPhonak app.

This was very intuitive for participants in the usability study, so 92% of participants navigate to adjust settings in the app. They were able to successfully do this, 100% of the participants could successfully create a custom program and save it, delete a custom program, demonstrate an understanding of the maximum custom programs, change the custom program on the app, and change to the custom program on their hearing instruments. The participants were asked when they would be likely to create a custom program or what sort of environments and they responded with the following comments. Maybe at a football game or a party, when with friends, on the bus, in a cafe or a busy metro, and lessons to get rid of background noise, maybe drama class or in during noisy lessons. So these were the the the situations where they felt it would be very helpful to have this if we Transition Next we're going to transition onto Streaming Balance.

We know how important streaming is for kids these days. It's a part of their world and Streaming balance empowers them to determine how much of the stream signal they want relative to what is going on around them and available to them through the hearing aid microphones. Streaming Event

Balance is available through the Adjust settings when in a Bluetooth or Roger Streaming program. Now the Information icon provides additional guidance if needed. I expect some happy emojis or cheers in the chat for this next one.

So lastly we added Cleaning Reminders and once again, this is in the My Hearing Aids section and you can scroll down to Cleaning Reminders. The regularity of the reminders can be set and of course notifications can be allowed in the app as well. So information and links to videos are also provided for both ITE and BTE devices. And then we also have now the ability to use this with Infinio Ultra users. So my Phonak 2.0 also brings some specific features for Infinio Ultra users as well that are not backwards compatible.

So one is if we think of the average patient that often wants to take advantage of Bluetooth protocols, we have to transition. Amanda Sorry.

So if we think about the average patient, they often take advantage of multiple Bluetooth protocols, right? As Evan said, Bluetooth Classic allows a connection to anything that uses the Hands free profile or A2DP, which would be music calls, FaceTime, podcasts they also have Bluetooth low energy to communicate with accessories that just need to exchange small bits of information like the MyPhonak Junior app. At the moment, these are two separate pairings. You first pair in the phone's Bluetooth menu for calls and audio and then you also have to pair in the MyPhonak Junior app to use those functions. Good news with MyPhonak 7.2, MyPhonak Junior 2.0 and Infinio Ultra devices, a couple of things have been optimized.

The pairing is now through a one step pairing process that pairs the hearing aids to Myphonak Jr. And to the phone or tablet at the same time. Let's look at the new pairing process with MyPhonak 7.2. It will follow a similar process in MyPhonak Junior 2.0. It.

Sam.

Now when we get to the point of showing that the pairing has been successful for Infinio Ultra devices, you will see the notice that the pairing for audio and phone calls is also complete. Virto R Infineo aids also follow this one step pairing process which is really exciting with all other devices. The patient will still need to go through the steps of asking if you want to connect for calls, etc. Which would be the Bluetooth Classic connection that is done in the phone's Bluetooth menu.

We recognize that there may be times where families want the kids to have access to the app but not to Bluetooth streaming. With Infineo we get the one step pairing and the ability to disable Bluetooth streaming. This is found in Bluetooth Settings. This could be a useful feature to provide confidence that children are not streaming music in class instead of listening to the teacher. And the setting is behind the parental lock if that is active.

Find My Hearing Aids this is a much requested and anticipated addition to MyPhonak Junior. You'll activate the feature during setup and approve the permissions on your phone. Then if the aids are misplaced to use the function when you open Find My Hearing Aids, you can search via location if the aids are further away and it will show their last known connection or location on Google or Apple Maps. Or if you are still fairly close to the hearing aids, you can choose via Bluetooth and play the warmer colder game as shown here. This is a really exciting addition.

One advantage of the one step pairing is how the hearing aids appear in the Bluetooth list. This is what we're accustomed to seeing one listing for a hearing aid and then two LE versions of the hearing aids listed in their Bluetooth device list. With the new Pairing process.

You will now see one device for the left and one device for the right. Hearing aid. So much simpler for patients to understand. As a note, you may see different icons on different phones.

In summary, Phonak's universal connectivity supporting five different wireless protocols ensures that kids can be part of every conversation and enjoy the streaming and social engagement of their peers.

All right, so the next topic is Easy. So our last topic with Infinio Ultra is how we can make life easy. This fall we introduced new efficiencies for you and your patients to save time in the clinic. Phonak does the work so you don't have to.

If I were to ask you what is the common issue that causes hearing aids to stop working, that brings patients into your office every day, what would you say?

I'm assuming that you're going to say things like wax. If we ask hcps, we would see that wax is probably a number one solution or the max wax related issues. And so this is an overwhelming theme that we've heard. And so we want to think about those teams who are becoming more independent but maybe haven't mastered remembering to clean their hearing instruments each day. And so imagine an innovation that can reduce customer complaints, reduce in clinic service cases, decrease the need to change your wax guard and ultimately improve patient satisfaction and valuable clinic time.

Well, it's here and we're proud to introduce you to our patented Easy Guard vented dump.

The new Easy Guard domes feature a sound transmitting sealed membrane designed to protect the receiver from earwax, minimizing the need for filter changes. Vimeo Ultra with EasyGuard Time saving solutions for you and your clients.

This is Easy Guard. So here's a close up of the dome tip. You see that there's a vent around 8 o' clock if you look and it's a. You also see some sound transmitting fins. If we look across the cross section of Easy Guard attached to the receiver, you can see that there is a serum stop still in place in the receiver

and we recommend that you keep it there.

The sealed sound transmitting membrane fits right over is this membrane that is the key to making this innovation work. So it's sealed for wax protection, yet it's sound transmitting. How do we know it's sound transmitting? So we put it to the test and compared the Easy Guard vented dome against SDS 4.0 vented dome M in the first graph there shows the acoustic response of the current vented dome when measured in a 2cc coupler. And knowing that dome insertion into the ear is different for Each individual patient we had to define a tolerance band which was for SDS 4.0, where the acoustic performance for vented domes is acceptable and this is shown in the green shaded area.

When measuring Easy Guard, you can see that the Easy Guard performs within the typical range of the existing SDS domes, showing that it maintains the acoustical performance. Now with Easy Guard, cleaning is easy. All you need to do is wipe it with a soft dry cloth. Easy Guard does not need to be removed to clean it. In fact, it is unlikely that the Zero stop would need to be replaced.

Therefore, there is no need to take the dome off during cleaning at all. We recommend to not clean Easy Guard with water or an ultrasonic cleaner. And if water is used, it can be trapped in the dome where the receiver fits and it may be difficult to blow out. The water drops out of the dome because the membrane is sealed. We also don't recommend using a brush or anything harsh like a toothpick or a pin as this can break that membrane.

So when you're being trained on this, when we did an activity there, we took a hearing aid with a standard dome and we dipped it into Mustard, our simulation for earwax to see how many times it took for the aid to stop working. And for me it was one. Then we repeated the same exercise with EZ Guard and we're talking about 10 plus times where easy Guard would still function after you dipped it in mustard. So this is a very good innovation. And how many of your patients that have already popped into your head that this would be beneficial for so you can jot those names down if you like to and give

them a call.

During the development of easyguard, we completed a four month trial to verify easyguard significantly reduced the detrimental effect of wax on hearing performance. And the verification included 11 hearing care providers who supported over 267 patients. The HCPs were surveyed in this trial and the results were compelling. 100% of these HCPs agreed that providing their patients with EasyGuard reduced the possibility of receivers being clogged with wax, made it easier for their patients to care for their hearing instruments, specifically from a wax perspective. It reduced the need for repairs or servicing due to wax and it improved their patients overall satisfaction.

And then during the clinical study at our Phonak Audiology Research Center, a group of participants wore them during a four month trial. They visited the lab for monthly check in visits. After four months of use, they provided subjective feedback on comfort, satisfaction, likelihood of recommendation and preference for dome type. After wearing the EZ card, dome and the study showed that 89% of patients indicated they preferred Easyguard Dome over their traditional dome or had no preference. 90% of participants indicated comfort levels matching that or exceeding the traditional dome.

And now you and I both know that some patients aren't the best at cleaning their aids daily. So I wanted to share some pictures from the study of real patients domes. So warning, these are close up of waxy domes so if you don't want to see them, close your eyes now and I'll tell you when it's over.

So there they go.

So participants came in monthly and we took pictures of their domes. So these happen to be all the pictures from the final visit. After four months of wearing time and the hearing aids were all still working. No wax was in the stereostop. In fact easy guard handles real world use.

So I also think of this for our athletes who accumulate sweat in their ears or may go and try to use the Serostop might find it difficult. This will be a game changer for them as well. So give ezguard a try. See the difference it makes for your patients in your clinic and think of the independence and the confidence this would give patients knowing they can just wipe off their dome and be good to go.

Another way Phonak makes life easy is through further innovating and improving our fitting software. We know when the software is easy to use. It provides a seamless fitting experience that supports clinical efficiency, builds confidence in technology for both provider and patient, thus promoting the professionalism of you and your clinic that you're working in. Even more than that, it can also enhance patient outcomes. Question for the audience, what do you like about the Phonak Target fitting software?

And as I'm reading some responses, it sounds like there are a lot of good things that you're liking about Target, the flow for working through a fitting, etc. And all the tips. And this season with Target 11.1 we are happy to introduce even more for you to be excited about. With Target 11.1 we're introducing improvements that will streamline your fitting process. These include a faster and softer feedback test for Infineo Ultra devices, time saving simultaneous firmware updates and fitting session setup personalization options.

Let's have a look at these efficiency improvements in more detail starting with changes to our feedback test.

In general, running the feedback and real ear test gives a more detailed view of the acoustic performance for each individual patient right from the start of the fitting process. For the new Infinio Ultra R and Infineo Ultra Sphere, the feedback test will be quite a different experience. You can now complete the feedback test in less than 13 seconds at a lower intensity and via remote support. Making the feedback test in your workflow is going to be way more efficient. Let's see and hear the difference.

Lets have a look at how feedback test for non Infineo Ultra devices looks from a spectrogram perspective. This is with an open dome. Some things to notice. The X axis is time in seconds. The Y axis is frequency with lower frequencies at the bottom and higher frequencies at the top.

Now let's look at the intensity scale on the right. The colors show how intense the frequency is, with the yellow being the most intense. The section at the bottom shows the summed SPL for that moment in time of the test signal. If we now look at the main blue area, we see the different frequencies being played. We can see that there are bursts of loud intensity in the lower frequencies of the feedback test signal.

Let's have a list.

Now let's look at the spectrogram for the feedback test signal with Infineo Ultra. You can see very quickly that the spectral presentation is very different. That's because the updated feedback test also sounds different. We can see that it is a broadband signal and by looking at the color, we can see that the signal is less intense. Also, comparing the overall SPL shows the reduction in loudness.

Another question for the audience. I used to describe the old signal as alien or robotic. Like how would you describe this new signal to your patients when telling them what to expect?

All right, let's see. I see buzzing. Kind of sounds like cicadas. Yeah, I agree. The other thing that you can see and you would have just heard is that the updated feedback test is considerably shorter than the original.

With the earlier version of the test, we can see the end of the test signal and then the processing of the results takes approximately 25 seconds. With the original version, the feedback test signal was

generated by target, played through the hearing aids and then needed to be processed, which took more time. With Infineo Ultra, the test signal is generated through the aids themselves, making the presentation and processing of the results much shorter. This is also why it can be run during a remote support session. In this example, with the open dome, it is nine seconds per ear.

The intensity and duration of the signal depends on the acoustics and target. The more closed the acoustics, the longer the test signal. And that is why I said earlier that the feedback and real ear test can be completed in up to 13 seconds. With this in mind, it's really important that the acoustics and Target match what is on the device. This new feedback test provides a much requested time savings.

I think our next improvement will also prompt some positive response.

The next way target 11 makes life easy is the ability to complete simultaneous firmware updates. The update can be initiated two ways in Target, either within the session when you will be prompted to update the firmware after connection, or via the Trial and Tools menu. Regardless of which way you choose, you will be guided each step of the way. Not only is Synchronous Update available for firmware updates, for technology that's current and for prior aid starting with Target 11, it's also available for changing the technology level on trial devices and for factory resets. For those geeky people out there, updating the firmware simultaneously or changing the performance level simultaneously, it's up to 40% faster.

Today's final new Target options come at your request. Ways to Personalize the Setup it's fair to say we want fitting software that fits our individual styles. By personalizing it to our needs, we can streamline our tasks and save time. Those little efficiencies, like fewer clicks, can accumulate and make a big impact. Target 11 empowers you with the ability to personalize certain features in the setup functionality.

We have heard from you that some people prefer the light mode rather than the dark mode that was introduced in Target 10.0. Choosing is now an option. In this image on the left you'll see you can now switch the appearance between light and dark mode in Setup General and Presentation. You can also choose whether you want a warning that or an exclamation point to show when the consent for data logging hasn't been completed in the Setup for Fitting session under Fitting okay, so we also want to take a minute to share some Phonak Store improvements that will make your life easier and more efficient.

So you no longer need to call in to know your order status. Now comprehensive order status for new orders will be visible along the entire process right online when you log into the Phonak Store and open order history. And we'll have more improvements regarding orders coming later this year.

In another Phonak Store improvement, ordering earpieces just got easier. The Phonak Store's earpiece page, seat shells and slim tips just got a makeover so you can enjoy a smoother, more intuitive experience when ordering customizable earpieces with easy to use dropdown menus that finding the perfect fit for your patients quicker than ever. This change will lead to a faster processing time and more accurate orders by reducing the need for you to type in manual notes and Infineo Ultra makes life easy for everyone through a new Dome Target and Phonak Store improvements. So Phonak again does the work so you don't have to Infineo Ultra Sphere and Infineo Ultra R provide the very best for you and your patients. AI powered technology ensures exceptional sound quality that is clear and adaptive.

All wireless Infineo are connected and they're always universal. And lastly, Infineo Ultra makes life easy.

And remember, not only is Infineo Ultra for new users, but a performance upgrade makes this new platform available to all existing Infineo, Infineo R and Infineo Sphere wearers. No one has to miss out.

Here's another piece of big Infineo Ultra is available in P3 sandalwood and P8 velvet black as well as still in the standard colors. This is for Infinio R Infiniosphere and for Infinio Cross.

This is the Infineo portfolio as you currently know it. But better technology is always progressing and today we've highlighted the wealth of improvements you get with Infinio Ultra.

And don't forget about the still new Virto Infineo R. Virto IR provides AI powered precision for truly customized hearing. Featuring the same improved Autosense as Ultra, Virto now offers a rechargeable solution with an easy and fun charging system. All the connectivity you've come to expect from Phonak in a small as possible package. The new Right Fit ordering process saves time and energy, allowing you to leverage Phonak's newly developed and enhanced AI based algorithms. If you haven't heard about details of Virto ir, please reach out to your Phonak representative and we'll schedule some time with you.

Today. We've seen how Spheric speech clarity provides revolutionary separation of speech and noise and hear speech clearly any voice, any direction direction 30% more efficient for peace of mind in the most challenging listening situations. We discussed how AutoSense OS 7.0 was retrained to provide 24% more accuracy in those most nuanced situations and how AutoSense OS and Smart speech technology ensure the aids are adaptive, providing the best sound no matter the situation so patients can confidently go about their lives. We've celebrated Infinio Ultra's always universal connectivity with an improved experience in pairing as well as flexibility for providers. And we've opened a new territory in making life easier easier maintenance thanks to EasyGuard software improvements for streamlined fitting process. Again, Phonak does the work so you don't have to.

So, as we conclude today, what questions do you have for us? Looking at these exciting updates and considering the impact they will have in your patient and provider lives, it's easy to recognize that Infinio Ultra is the very best for you. We invite you to consider if Infinio Ultra is right for your tweens and teens

and see the difference it makes for you and them.

All right, so we're coming up on the end of our presentation here, and we wanted to open it up for questions to see if anyone had any. You can post those questions in the chat if you like, and we'll be happy to answer those for you.

So, yes, the Infinio Ultra update is available for existing Infineo users. So for those users who have been fit with Infineo, whether if it's Infinio R or Infinio Sphere in the last year, they come into your office and you are able to connect them to the software and do a performance update which will give them for sphere, that 30% improvement in battery life. And for both products, you'll have that 24% improvement performance in both Infinio R and Infinio Sphere.

Great question. Yeah, that was a good question. All right, so it doesn't look like we have any more questions. If you do think of any more, please reach out to your Phonak representative and they'll be happy to schedule some time to connect and talk or provide you with some resources. And we hope you enjoyed today's session and found it informational.

Thank you very much for attending today and have a wonderful day.