

Course Objectives

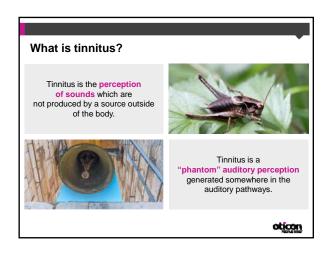
- After completing this course, learners will be able to:
- ▶ discuss the Tinnitus SoundSupportTM integrated into our Performance Line families.
- ▶ demonstrate the features of Tinnitus SoundSupportTM in the Genie software.
- It discuss the Oticon Tinnitus Sound App to access more sounds and relaxation exercises.
- It discuss the Oticon patient education and support materials for Tinnitus treatment.

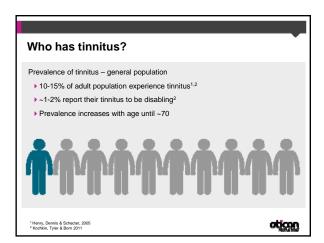


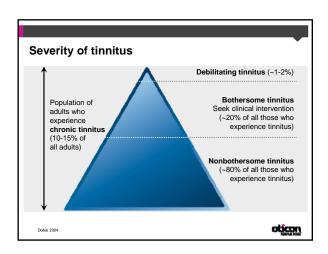
Close your eyes

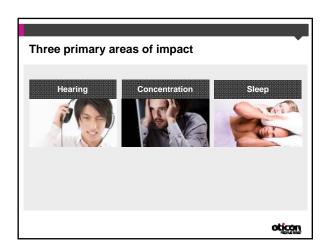


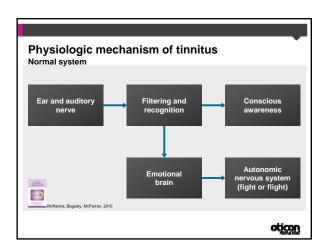
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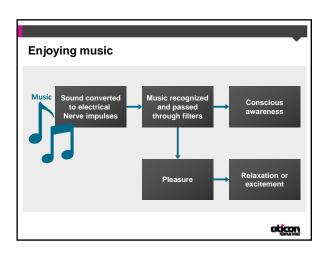


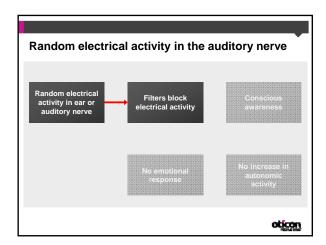


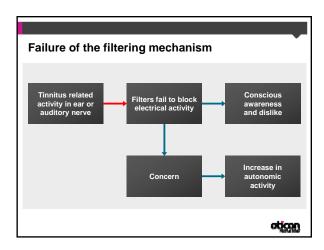


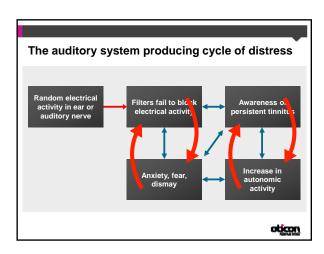


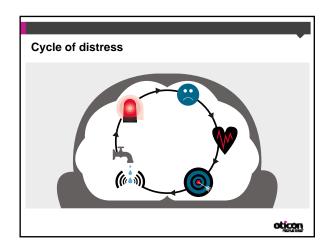


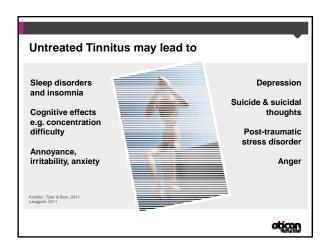




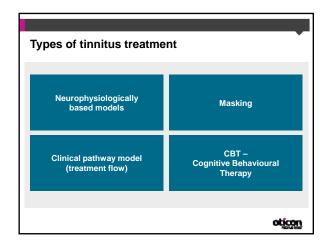


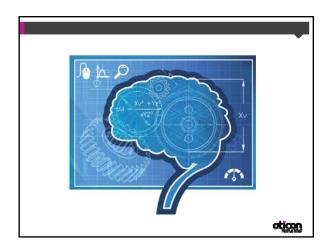






How is the severity of tinnitus determined? Self-report measures as tinnitus is subjective Tinnitus Handicap Inventory (THI) Tinnitus Questionnaire Tinnitus Reaction Questionnaire and more Also used to evaluate benefit of treatment





Common tinnitus treatment approaches	
▶ Tinnitus treatment approaches	
Tinnitus Retraining Therapy (TRT)	
▶Progressive Tinnitus Management (PTM)	
Sound Generators in conjunction with counseling or amplification	
▶Tinnitus Masking	
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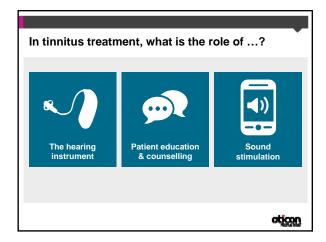
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I	Tinnitus Retraining Therapy (TRT) TRT combines counseling and sound stimulation to help patients habituate to		
I	their tinnitus.		
I	A broadband noise at a lower level than the tinnitus is provided to minimize the contrast between the environment and the tinnitus.		
I	Counseling is regarded as central in this treatment and the use of sound is secondary.		
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I	2), harvefort, P.J. and M.M. Jasminoff, Trenks Revening Therapy (TRT) as a method for treatment of fernitus and hyperacusia patients. J Am Acad Audid, 2000.		
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I			
I	Progressive Tinnitus Management (PTM)	-	
I	PTM consists of education and counseling to the patient. Part of PTM is to help the patient develop and implement an individual sound		
I	plan that is used to manage the <i>reactions</i> to tinnitus. The role of the tinnitus device is to provide sounds that can be perceived as		
I	either: > Soothing (intended to make the patient relax)		
I	▶ Background (intended to minimize the contrast between the environment and the		
I	tinnitus) Interesting (intended to divert the attention away from the tinnitus – e.g. audio	-	
I	books) PTM has been developed by a multi-disciplinary group within the VA.		
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l	4) Henry, J.A., et al., Using therapeutic sound with progressive audiologic trinitus management. Trends Ampl I, 2008. 12(3): p. 188-200.		
ı			
I			
I	Sound Generators		
I	In the common tinnitus treatment approaches, the audiologist will evaluate and may begin treatment, e.g., counseling and amplification, of the patient before a		
I	sound generator is considered. If a sound generator is included in the patient management, the different tinnitus		
I	treatments direct the use of the sound generator, i.e., how to select and tailor the sound signal(s) and the schedule of use for the patient.		
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➤ Tinnitus Masking (TM)

TM uses broadband sound to mask the tinnitus completely or partially to provide an immediate sense of relief from tinnitus.

Counseling is considered secondary in this approach.

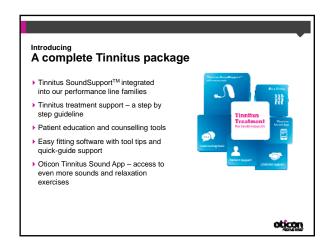
Masking of tinnitus as a primary tinnitus treatment strategy is less used today.

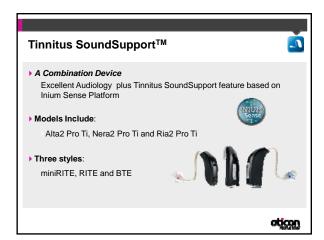


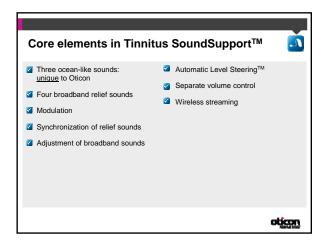
Hearing instruments in tinnitus treatment

Hearing instruments commonly recommended, as tinnitus and hearing loss coexist

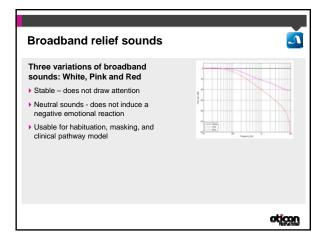
Up to 90% of users experience a reduction in loudness of tinnitus

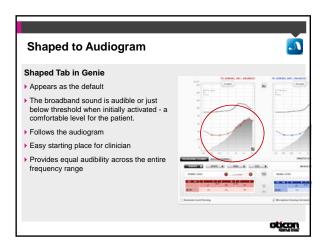


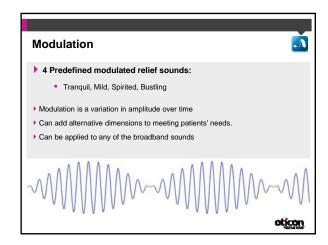


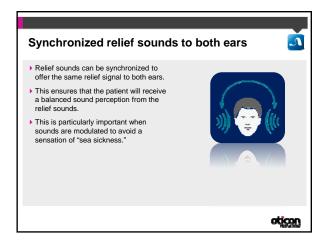


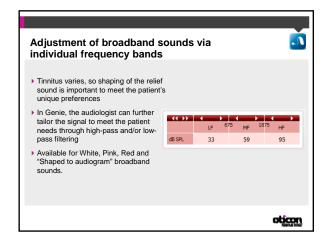


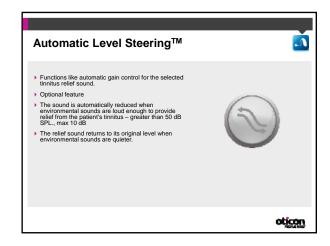


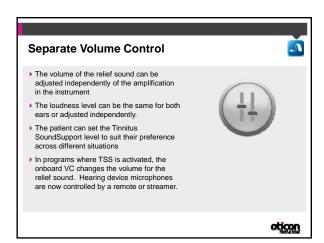


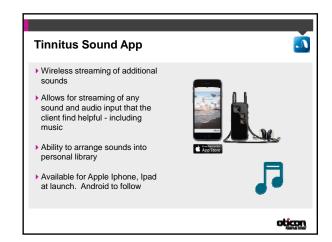










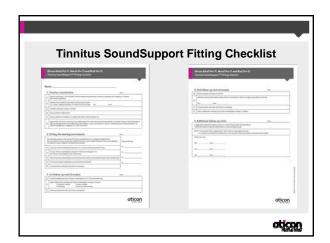


	Goal of tinnitus treatment				
Settings	Habituation	Masking	Soothing	Background	Interesting
Type of sound & options	The second of		1	100000000000000000000000000000000000000	100000000000000000000000000000000000000
Broadband Sound	1				
White	X.	X	X	X	X.
Pink.	×	X	X	X	X
Red	X	X	X	X	X.
Modulation	If preferred by patient.		If preferred by patient	If preferred by patient	If preferred by patient
Shaping	If preferred by patient	If preferred by patient	If preferred by patient	If preferred by patient	If preferred by patient
Nature-Like Sound	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			100000000000000000000000000000000000000	A STATE OF THE STA
Ocean 1			X	X	X.
Ocean 2			X	×	X
Ocean 3			X.	×	X
General settings					
Signal Level	Set at the mixing point	Set to just mask the tinnitus	Set as preferred by patient	Set as preferred by patient	Set as preferred b patient
Automatic Level Steering	Optional	Optional	Optional	Optional	Optional
Binaural VC coordination	No - independent VC control	Optional	Optional	Optional	Optional





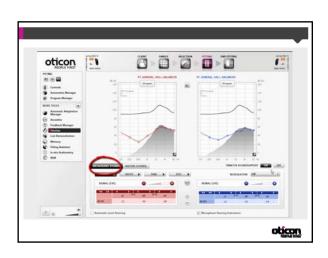






































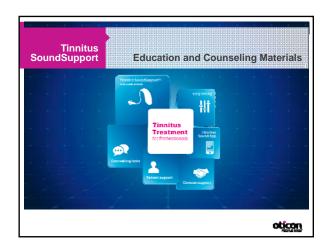


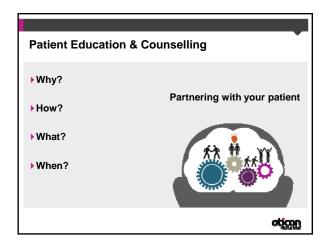


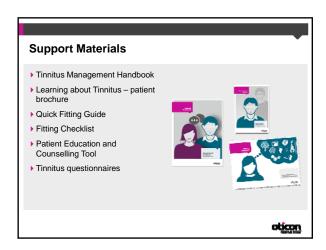


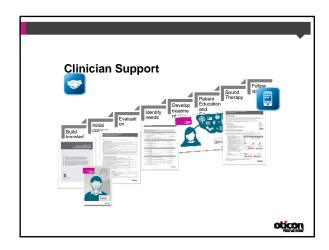












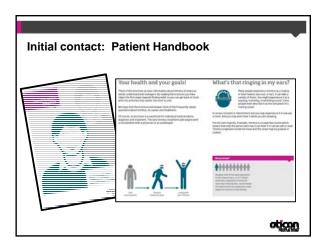
Building Knowledge Clinician Handbook White Paper: Oticon's Approach to Care of the Tinnitus Patient

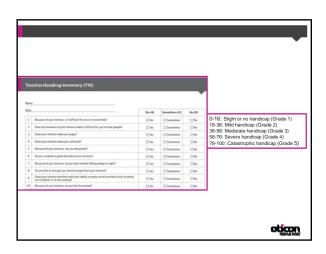


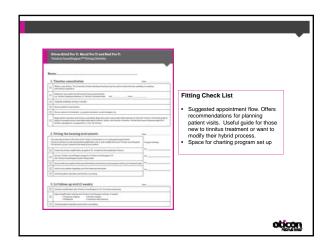
Initial Contact, Evaluation, Identify Needs, and Develop Treatment Plan

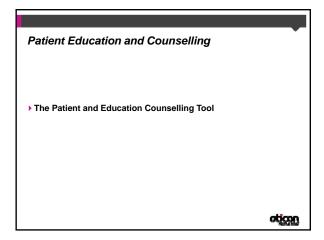
- ▶ Patient Handbook
- ▶ Tinnitus Handicap Inventory
- Fitting Flow Check List

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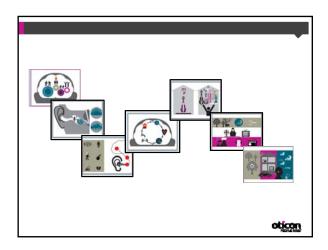


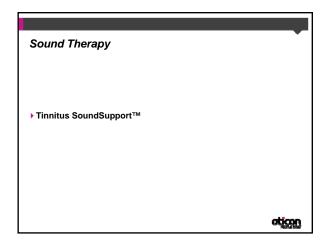


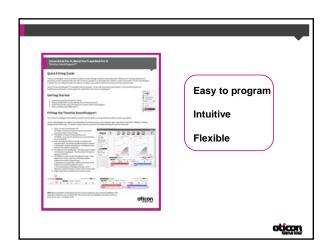


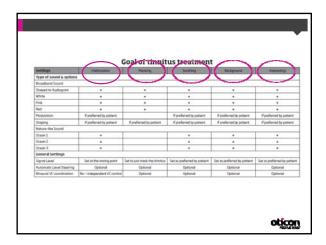












Patient Support	•
▶ There is an App Too!	
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