

Tin-TRAC Curriculum					
Course Title	Tin-TRAC Interprofessional training for Tinnitus Patients, Researchers and Clinicians				
Course Type	Asynchronous learning via Reusable Learning Objects embedded in an Electronic platform				
Instructor	Erasmus+ project Tin-TRAC.				
Topics	4	No of RLOs	54	Total Duration	12 Hours of interaction with the platform + 30 hours of independent work
Course Objectives	Tinnitus treatment, diagnosis and management across Europe varies significantly. The lack of national clinical guidelines for tinnitus management in most European countries and the absence of a common language across all disciplines involved is reflected in a diversification of healthcare practices. Tin-TRAC provides a common educational ground in the form of an e-learning platform co-created by patients, researchers and clinicians, able to unify tinnitus diagnosis and treatment strategies across Europe.				
Learning Outcomes	Serving as a pan-European thematic educational platform, integrating the best practices and latest research achievements with regard to tinnitus diagnosis, and management this e-Learning platform aims to act as a facilitator to the reduction of the interdisciplinary and interregional practice diversification. Hence, trainees of different disciplines will be develop a common ground on the basics of tinnitus, ranging from a common glossary, knowledge and understanding of aetiology / physiology of tinnitus, diagnostic practices treatment targets and current research trends.				
Learning Path	<p>Via the following learning path, Tin-TRAC ensures a balance between self-motivated learning and correct structuring of acquired knowledge.</p> <ol style="list-style-type: none"> 1. Each trainee is initially introduced to the topic by the 3 common RLOs. 2. The trainee freely chooses (freely) a role: Patient or Clinician / Researcher. The role can be changed only if all the material of the current role has been covered and the interactive activities are completed. 3. The trainee freely chooses a theme of study within the role. The trainee freely choses a sub-theme within the theme. The theme can be changed only if all the material of the current theme has been covered and the interactive activities are completed. 				

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	<ul style="list-style-type: none"> a. Feedback is presented after each interactive activity. b. If score on interactive activity < 50% the activity is repeated. c. Total score estimated from the sum of all interactive activities. 		
Prerequisites	-	Co-requisites	-
Course Content	<p>Themes covered</p> <p>Common for all trainees:</p> <ul style="list-style-type: none"> • Introduction • Soft skills for training via RLOs • Glossary <p>Patients:</p> <ul style="list-style-type: none"> • Etiology / physiology <ul style="list-style-type: none"> ○ Hearing System ○ Tinnitus ○ Heterogeneity / Comorbidity • Diagnosis <ul style="list-style-type: none"> ○ Basic questions, descriptions, what should be asked ○ Audiometry, speech audiometry, frequency, loudness assessment ○ Involved disciplines and comorbidities ○ Questionnaire vs. Loudness • Treatments <ul style="list-style-type: none"> ○ Counselling ○ Hearing Aids, CBT ○ Self help ○ Other treatment approaches and non-helpful treatments ○ Summary • Current research trends / information resources <ul style="list-style-type: none"> ○ Basic research findings 1 ○ Other information sources ○ Patient networks ○ Other EU Projects <p>Researchers / Clinicians:</p> <ul style="list-style-type: none"> • Etiology / physiology <ul style="list-style-type: none"> ○ risk factors, description on a high level, ○ tinnitus generation ○ tinnitus models 		

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	<ul style="list-style-type: none"> • Diagnosis <ul style="list-style-type: none"> ○ Audiological <ul style="list-style-type: none"> ▪ audiometry in its various forms; ▪ how diagnosis is performed ▪ interpretation of audiological data ○ Psychological/questionnaires <ul style="list-style-type: none"> ▪ basic assessment ▪ list of validated questionnaires ▪ interpretation of self report measures ○ Comorbidity <ul style="list-style-type: none"> ▪ Comorbidity in tinnitus ▪ Tinnitus and Comorbidity resulting in impairments ▪ Anxiety and Depression ○ Other disciplines <ul style="list-style-type: none"> ▪ Basic diagnostics ▪ Other disciplines ▪ Decision Tree • Treatments <ul style="list-style-type: none"> ○ Counselling <ul style="list-style-type: none"> ▪ What is counselling ▪ Content of counselling ○ Hearing impairment <ul style="list-style-type: none"> ▪ hearing aids ▪ CI ▪ Hearing therapy ○ CBT <ul style="list-style-type: none"> ▪ Overview ▪ Domains to be covered ▪ group, face to face, single, iCBT ○ Physiotherapy <ul style="list-style-type: none"> ▪ overview ▪ examination ○ Self help <ul style="list-style-type: none"> ▪ Overview ▪ European guideline ▪ list of self help organizations ○ Treatment Conclusion <ul style="list-style-type: none"> ▪ Conclusion
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	<ul style="list-style-type: none"> • Current research trends / information resources <ul style="list-style-type: none"> ○ Diagnosis <ul style="list-style-type: none"> ▪ Recent findings on Diagnosis - Biomarkers 1 ▪ Recent findings on Diagnosis - brain connectivity / cortical involvement ○ Treatment <ul style="list-style-type: none"> ▪ Recent findings on treatment approaches 1 ▪ Recent findings on treatment approaches 2 (emerging digital trends) ○ Etiology <ul style="list-style-type: none"> ▪ Recent findings on risk factors ▪ Recent findings on etiology / physiology 1 • Virtual patient.
Teaching Methods	Asynchronous learning via Reusable Learning Objects (12 Hours of interaction with the material)
Assessment Methods	<ul style="list-style-type: none"> - Evaluation based on interactive procedures on every subtheme of the contents. The interactive activity may have the form of quiz or crossword or other relevant activity. - The total score of each trainee is estimated by summing performance on all quizzes.
Language	English, German, Greek

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