

Title & Abstract Level 2 Screening Form Help Sheet

Question 2: Response 3: Pathophysiology of tinnitus i.e., brain or neuron activity patterns, brain-based mechanisms, activity in the brain or specific regions in the brain; brain responses, function, process (mechanisms in the central nervous system), plasticity, neuronal firing, varied otoacoustic emissions [OAE], etc. The research does not investigate ways of measuring the subject's perception of tinnitus or treatments for tinnitus

Question 4: Clinical evaluation measures

Scales/questionnaires used to assess severity of tinnitus: Tinnitus Handicap Inventory, Tinnitus Reaction Questionnaire, Tinnitus Functional Index, Visual Analog Scale, and Tinnitus Severity Index, etc.

Question 5: Tinnitus Interventions: Any treatment/therapy (or combination of treatments/therapies) used to reduce or help cope with tinnitus including **but not limited to:**

Medical/ Surgical	<ul style="list-style-type: none"> ■ Pharmacological treatments <ul style="list-style-type: none"> □ <u>Tricyclic antidepressants</u> (e.g., amitriptyline, nortriptyline, and trimipramine) □ <u>Selective serotonin-reuptake inhibitors</u>: fluoxetine and paroxetine □ <u>Other</u>: trazodone; anxiolytics (e.g., alprazolam); vasodilators and vasoactive substances (e.g., prostaglandin E1); intravenous lidocaine; gabapentin; Botox (botulinum toxin type A); and pramipexole) ■ Laser treatments ■ TMJ treatment: dental orthotics and self-care; surgery ■ Transcranial Magnetic Stimulation ■ Complementary and alternative medicine therapies: <i>G. biloba</i> extracts; acupuncture; hyperbaric oxygen therapy; diet, lifestyle and sleep modifications (caffeine avoidance, exercise)
Sound Treatments	Hearing Aids; Sound generators / maskers (both wearable and stationary); Cochlear implants; Neuromonics; Tinnitus Retraining Therapy
Psychological / Behavioral	Cognitive behavioral therapy; Biofeedback; Education; Relaxation therapies; Progressive Tinnitus Management

Question 6: Predictors of treatment outcomes

Prognostic Factors:	Length of time to treatment after onset, audiological factors (degree and type of hearing loss, hyperacusis, loudness tolerance, masking criteria, etc.), head injury, anxiety, mental health disorders, duration of tinnitus
Patient Characteristics	Age, gender, race, medical or mental health comorbidities, socioeconomic factors, noise exposure (environmental, recreational and work-related, including active military duty personnel or veterans, and occupational hazards), involvement in litigation, third party coverage (health insurance)
Symptom Characteristics	Origin/presumed etiology of tinnitus, tinnitus duration since onset, subcategory of tinnitus, severity of tinnitus