

Indicative Uncertainty	Why is there uncertainty? 1	Rank in PIP	What is person's age?	Which types of treatments?	Which types of treatments? 2	Which types of treatments? 3	Which types of treatments? 4	Which types of treatments? 5	Which types of treatments? 6	Which types of treatments? 7	Which types of treatments? 8	Which types of treatments? 9	Which types of treatments? 10	Which types of treatments? 11	Which types of treatments? 12	Which types of treatments? 13	Which types of treatments? 14	Original uncertainty	References to reliable up-to-date systematic reviews	Systematic reviews in preparation	Ongoing controlled trials	Which outcomes?	
Acoustic CR Neuromodulation is a commercial device for brain training. Is it effective for people with tinnitus?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Devices														Acoustic CR Neuromodulation is a commercial device for brain training. Is it effective for people with tinnitus?	Holston J, Chiohoh E, El-Rafie A. Sound therapy (masking) in the management of tinnitus in adults. Cochrane Database of Systematic Reviews 2010, Issue 12. Art. No.: CD008371. DOI: 10.1002/14651858.CD008371.pub2. Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. Savage J, Waddell A. BMJ Clinical Evidence. Web publication date: 3 Feb 2012 (based on July 2011 search). Langguth M, Axelwolf A, Bagdoyan D, Bauer C, Casace A, Coelho C, Dornhoffer J, Figueredo R, Flor H, Hajak G, van de Heyning P, Hiller W, Khedr E, Kleinjung T, Koller M, Lenz M, Lonsdale A, Martin VH, Mennerster M, Piccolini J, De Ridder D, Ruggenot R, Sauerbald G, Vanneste S, Zeman F, Langguth B. Methodological aspects of clinical trials in tinnitus: A proposal for an international standard. Journal of Psychosomatic Research 2012;73:112-121.			Customized Acoustic Stimulation for the Treatment of Tinnitus NCT01487447	Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects or complications; costs; acceptability to patient
Recent research suggests that auditory brain training combined with vagus nerve stimulation might influence tinnitus. Is this treatment effective for people with tinnitus?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Exercise	Education and training	Psychological therapy	Drug	Diet	Physical therapies	Complementary therapies	Devices	Tender living care only	Service delivery	Social care				Animal research suggests that auditory brain training combined with vagus nerve stimulation might influence tinnitus in the treatment effects for people with tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234				Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are anti-anxiety drugs (e.g. benzodiazepines) effective in tinnitus management?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Drug														Are anti-anxiety drugs (e.g. benzodiazepines) effective in tinnitus management?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234				Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are anti-depressant drugs (e.g. mirtazapine, amitriptyline, prozac) effective in tinnitus management?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Drug														Are anti-depressant drugs (e.g. mirtazapine, amitriptyline, prozac) effective in tinnitus management? This submission was made by both patients and clinicians but UK DUETs has no way of displaying that it was a shared submission at this time.	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234				Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are anti-inflammatory corticosteroids (e.g. Prednisolone) effective in tinnitus management?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Drug														Are anti-inflammatory corticosteroids (e.g. Prednisolone) effective in tinnitus management?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234				Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are any of the various available alternative therapies effective in the management of tinnitus?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	4	Any age	Exercise	Education and training	Diet	Drug	Complementary therapies	Devices	Physical therapies	Psychological therapy	Tender living care only	Burgery	Social care				Are any of the various available alternative therapies effective in the management of tinnitus? Tinnitus Ranking 4 Uncertainty from patient, from clinician	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234	Dober RA. A review of randomized clinical trials in tinnitus. Laryngoscope 1996;108:2202-2111. PMID:10438320	Effects of acupuncture on heart rate variability in adult tinnitus patients. ISRCTN013563; Acupuncture at local and distal points for tinnitus. ISRCTN29230777	Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects or complications; acceptability to patient; and costs	
Are cochlear implants an effective tinnitus management strategy?	Uncertainties identified from clinicians' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Exercise	Education and training	Diet	Drug	Complementary therapies	Devices	Physical therapies	Service delivery	Psychological therapy	Social care	Tender living care only				Are cochlear implants an effective tinnitus management strategy?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234				Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are GABA receptor antagonists effective in tinnitus management?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Drug														Are GABA receptor antagonists effective in tinnitus management?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234				Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are hearing aids an effective management strategy for pulsatile tinnitus?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Devices														Are hearing aids an effective management strategy for pulsatile tinnitus? This submission was made by both patients and clinicians but UK DUETs has no way of displaying that it was a shared submission at this time.	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234	Hoare DJ, Edmondson-Jones AM, Sereda M, Alroy MA, Hall DA (2012) Amplification with hearing aids for patients with tinnitus and co-existing hearing loss (Protocol). Cochrane Database of Systematic Reviews, Issue 10, Art. No.: CD010151. DOI: 10.1002/14651858.CD010151			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are hearing aids an effective tinnitus management strategy for people with a high-frequency hearing loss?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Devices														Are hearing aids an effective tinnitus management strategy for people with a high-frequency hearing loss? This submission was made by both patients and clinicians but UK DUETs has no way of displaying that it was a shared submission at this time.	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234	Hoare DJ, Edmondson-Jones AM, Sereda M, Alroy MA, Hall DA (2012) Amplification with hearing aids for patients with tinnitus and co-existing hearing loss (Protocol). Cochrane Database of Systematic Reviews, Issue 10, Art. No.: CD010151. DOI: 10.1002/14651858.CD010151			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are hearing aids an effective tinnitus management strategy for people with a mixed hearing loss?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Devices														Are hearing aids an effective tinnitus management strategy for people with a mixed hearing loss? This submission was made by both patients and clinicians but UK DUETs has no way of displaying that it was a shared submission at this time.	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234	Hoare DJ, Edmondson-Jones AM, Sereda M, Alroy MA, Hall DA (2012) Amplification with hearing aids for patients with tinnitus and co-existing hearing loss (Protocol). Cochrane Database of Systematic Reviews, Issue 10, Art. No.: CD010151. DOI: 10.1002/14651858.CD010151			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are Hsp cordless an effective tinnitus management strategy?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Exercise	Education and training	Psychological therapy	Drug	Diet	Physical therapies	Complementary therapies	Devices	Tender living care only	Service delivery	Social care				Are Hsp cordless an effective tinnitus management strategy? This submission was made by both patients and clinicians but UK DUETs has no way of displaying that it was a shared submission at this time.	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234				Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are medications to treat an underlying headache effective in reducing tinnitus symptoms?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Exercise	Diet	Drug	Education and training	Psychological therapy	Physical therapies	Complementary therapies	Devices	Tender living care only	Social care	Service delivery				Are medications to treat an underlying headache effective in reducing tinnitus symptoms?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234				Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are sleeping tablets an effective management strategy for tinnitus-related insomnia?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Exercise	Drug	Diet	Psychological therapy	Education and training	Complementary therapies	Physical therapies	Devices	Tender living care only	Service delivery	Social care				Are sleeping tablets an effective management strategy for tinnitus-related insomnia?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234				Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Are there different types of tinnitus and can they be explained by different mechanisms in the ear or brain?	Uncertainties identified from patients' questions No relevant systematic reviews identified	8	Any age	Diagnostic														Are there different types of tinnitus and can they be explained by different neural mechanisms? Tinnitus Ranking 8 Uncertainty from patient, from clinician				Diagnostic tests	
Can auditory brain training improve tinnitus?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Devices														Can auditory brain training improve tinnitus?	Holston J, Chiohoh E, El-Rafie A. Sound therapy (masking) in the management of tinnitus in adults. Cochrane Database of Systematic Reviews 2010, Issue 12. Art. No.: CD008371. DOI: 10.1002/14651858.CD008371.pub2. Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. Savage J, Waddell A. BMJ Clinical Evidence. Web publication date: 3 Feb 2012 (based on July 2011 search). Langguth M, Axelwolf A, Bagdoyan D, Bauer C, Casace A, Coelho C, Dornhoffer J, Figueredo R, Flor H, Hajak G, van de Heyning P, Hiller W, Khedr E, Kleinjung T, Koller M, Lenz M, Lonsdale A, Martin VH, Mennerster M, Piccolini J, De Ridder D, Ruggenot R, Sauerbald G, Vanneste S, Zeman F, Langguth B. Methodological aspects of clinical trials in tinnitus: A proposal for an international standard. Journal of Psychosomatic Research 2012;73:112-121.	Phillips JS, McFarlan D. Neurophysiological model-based treatments for tinnitus (Protocol). Cochrane Database of Systematic Reviews 2010, Issue 6. Art. No.: CD008548. DOI: 10.1002/14651858.CD008548	Neuro-Music Therapy for Recent Onset Tinnitus: Evaluation of a Therapy Concept NCT01568708. Customized Acoustic Stimulation for the Treatment of Tinnitus NCT01487447	Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects or complications; costs; acceptability to patient	
Can cognitive 'brain training' improve tinnitus?	Uncertainties identified from patients' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Exercise	Education and training	Diet	Drug	Psychological therapy	Complementary therapies	Devices	Physical therapies	Social care	Service delivery	Tender living care only				Can cognitive 'brain training' improve tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234				Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
Can early sound enrichment as an intervention after hearing trauma prevent tinnitus from developing?	Uncertainties identified from clinicians' questions Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Devices														Can early sound enrichment as an intervention after hearing trauma prevent tinnitus from developing?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. Laryngoscope 2011;121:1555-1564. PDM21671234				Prevention

Neurotonics is a commercial package that combines a device with counselling. Is it effective for people with tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Diet	Drug	Education and training	Psychological therapy	Complementary therapies	Physical therapies	Devices	Social care	Service delivery	Tender living care only	Neurotonics is a commercial package that combines a sound device with counselling. Is it effective for people with tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234	Evaluation of the CR Neuroomodulation	Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
People with tinnitus would like to know about the effectiveness of devices to reduce tinnitus	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Diet	Drug	Education and training	Devices	Complementary therapies	Psychological therapy	Physical therapies	Social care	Service delivery	Tender living care only	People with tinnitus would like to know about the effectiveness of devices in reducing tinnitus	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234	Thammar for TinnitusBEEBT NCT01541969	Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
Should the effect of tinnitus on a person's mental health and well-being be assessed by a healthcare professional?	Uncertainties identified from patients' questions	No relevant systematic reviews identified	Any age	Diagnostic											Should the effect of tinnitus on a person's mental health and well-being be assessed by a healthcare professional?		Diagnostic tests	
To what degree could a treatment harness the auditory brain's natural ability to reorganise itself to suppress the tinnitus sound?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Drug	Diet	Education and training	Psychological therapy	Devices							To what degree could a treatment harness the auditory brain's natural ability to reorganise itself to suppress the tinnitus sound?	Holston G, Chithoth E, El-Rafie A. Sound therapy (masking) in the management of tinnitus in adults. <i>Cochrane Database of Systematic Reviews</i> 2010, Issue 12. Art. No. CD008371. DOI: 10.1002/14651958.CD008371.p02. Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234. Savage J, Wastell A. BMJ Clinical Evidence. Web publication date: 3 Feb 2012 (based on July 2011 search). Landgrave M, Azevedo A, Bagley D, Besser C, Casson A, Coelho C, Dornthoff J, Figueiredo R, Flor H, Haig G, van de Heyning P, Hill W, Khedr E, Rilling T, Kistner M, Lainez JM, Lunden A, Martin WH, Meinzenauer M, Piccolini J, Da Rieder D, Ruppstein R, Saurbriest G, Vanneste S, Zeman F, Langguth B. Methodological aspects of clinical trials in tinnitus: A proposal for an international standard. <i>Journal of Psychosomatic Research</i> 2012;73:117-121.	Phillips JE, McFerran D. Neurophysiological model-based treatments for tinnitus. <i>Procedia</i> (Procedia Database of Systematic Reviews) 2010, Issue 10, Issue 1. Art. No. CD008248. DOI: 10.1002/14651958.CD008248	Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects or complications, costs, acceptability to patient
What are the most cost-effective interventions for learning to live with tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Education and training	Exercise	Diet	Drug	Psychological therapy	Devices	Complementary therapies	Physical therapies	Service delivery	Social care	Tender living care only	What are the most cost-effective interventions for learning to live with tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234	Evaluation of the CR Neuroomodulation	Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective commercially available device interventions for tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Education and training	Psychological therapy	Diet	Drug	Physical therapies	Complementary therapies	Devices	Tender living care only	Social care	Service delivery	What are the most effective commercially available device interventions for tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234	Thammar for TinnitusBEEBT NCT01541969	Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective devices and psychological therapies for learning to live with tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Diet	Drug	Education and training	Complementary therapies	Devices	Physical therapies	Psychological therapy	Social care	Service delivery	Tender living care only	What are the most effective devices and psychological therapies for learning to live with tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234	Customized acoustic stimulation for the treatment of tinnitus NCT01487447	Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective interventions for alleviating the loudness of the tinnitus sound?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Education and training	Diet	Drug	Psychological therapy	Physical therapies	Complementary therapies	Devices	Tender living care only	Social care	Service delivery	What are the most effective interventions for alleviating the loudness of the tinnitus sound?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective interventions for alleviating the tinnitus sound?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Diet	Drug	Education and training	Psychological therapy	Complementary therapies	Physical therapies	Devices	Social care	Service delivery	Tender living care only	What are the most effective interventions for alleviating the tinnitus sound?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234	Customized acoustic stimulation for the treatment of tinnitus NCT01487447	Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective interventions for children with tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Child/ Adolescent	Exercise	Education and training	Psychological therapy	Diet	Drug	Physical therapies	Complementary therapies	Devices	Tender living care only	Social care	Service delivery	What are the most effective interventions for children with tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective interventions for learning to live with mild tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Diet	Drug	Education and training	Devices	Complementary therapies	Psychological therapy	Physical therapies	Social care	Service delivery	Tender living care only	What are the most effective interventions for learning to live with mild tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective interventions for learning to live with tinnitus and how might different approaches be combined to optimize patient benefit?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Education and training	Psychological therapy	Diet	Drug	Physical therapies	Complementary therapies	Devices	Tender living care only	Social care	Service delivery	What are the most effective interventions for learning to live with tinnitus? How might different approaches be combined to optimize patient benefit?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective interventions for learning to live with tinnitus associated with Meniere's disease?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Education and training	Psychological therapy	Diet	Drug	Physical therapies	Complementary therapies	Devices	Tender living care only	Social care	Service delivery	What are the most effective interventions for learning to live with tinnitus associated with Meniere's disease?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234	Medical treatment of Meniere's disease with beclomethasone: a placebo-controlled, double-blind study http://www.clinicaltrials.gov/ct2/show/study?term=meniere&rank=1	Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective interventions for learning to live with tinnitus at work?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Environmental											What are the most effective interventions for learning to live with tinnitus at work?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective interventions for tinnitus that are delivered within primary care?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Diet	Education and training	Drug	Complementary therapies	Devices	Physical therapies	Service delivery	Psychological therapy	Social care	Tender living care only	What are the most effective interventions for tinnitus that are delivered within primary care?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective surgical interventions for reducing the tinnitus sound in pulsatile tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Surgery											What are the most effective surgical interventions for reducing the tinnitus sound in pulsatile tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What are the most effective surgical interventions for reducing the tinnitus sound?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Surgery											What are the most effective surgical interventions for reducing the tinnitus sound?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What area of the brain that can be targeted by drugs to improve tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Drug											What area of the brain that can be targeted by drugs to improve tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What benefit could be provided by a placebo device for tinnitus?	Uncertainties identified from patients' questions	No relevant systematic reviews identified	Any age	Education and training	Exercise	Diet	Drug	Devices	Complementary therapies	Physical therapies	Service delivery	Psychological therapy	Social care	Tender living care only	What benefit could be provided by a placebo device for tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What effective management strategies are there for tinnitus-related insomnia?	Uncertainties identified from patients' questions	No relevant systematic reviews identified	Any age	Exercise	Drug	Diet	Education and training	Psychological therapy	Physical therapies	Complementary therapies	Devices	Social care	Tender living care only	Surgery	What effective management strategies are there for tinnitus-related insomnia? Tinnitus Ranking 3: Insomnia from www.tinnitus.com		Change in insomnia	
What effective treatments are there for pulsatile tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Education and training	Diet	Drug	Psychological therapy	Physical therapies	Devices	Complementary therapies	Tender living care only	Social care	Service delivery	What effective treatments are there for pulsatile tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234. Savage J, Wastell A. BMJ Clinical Evidence. Web publication date: 3 Feb 2012 (based on July 2011 search). Landgrave M, Azevedo A, Bagley D, Besser C, Casson A, Coelho C, Dornthoff J, Figueiredo R, Flor H, Haig G, van de Heyning P, Hill W, Khedr E, Rilling T, Kistner M, Lainez JM, Lunden A, Martin WH, Meinzenauer M, Piccolini J, Da Rieder D, Ruppstein R, Saurbriest G, Vanneste S, Zeman F, Langguth B. Methodological aspects of clinical trials in tinnitus: A proposal for an international standard. <i>Journal of Psychosomatic Research</i> 2012;73:117-121.		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What effective treatments are there for tinnitus that is associated with a feeling of pressure in the ears or head?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Education and training	Diet	Drug	Psychological therapy	Physical therapies	Devices	Complementary therapies	Tender living care only	Social care	Service delivery	What effective treatments are there for tinnitus that is associated with a feeling of pressure in the ears or head?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What effective treatments are there for tinnitus that is due to an ear infection?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Exercise	Education and training	Diet	Drug	Psychological therapy	Complementary therapies	Devices	Physical therapies	Social care	Service delivery	Tender living care only	What effective treatments are there for tinnitus that is due to an ear infection?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What guidance on coping strategies is most effective for managing tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Psychological therapy											What guidance on coping strategies is most effective for managing tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What is the additional benefit of blue tooth technology in hearing aids for alleviating tinnitus symptoms?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Devices											What is the additional benefit of blue tooth technology in hearing aids for alleviating tinnitus symptoms? The estimation is made by both patients and clinicians but UK NICE has no way of displaying that it was a shared decision at this time.	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234. Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What is the evidence to support the effectiveness of gringpibba for tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Complementary therapies											What is the evidence to support the effectiveness of gringpibba for tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What is the evidence to support the effectiveness of 'natural' medications for tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Complementary therapies											What is the evidence to support the effectiveness of 'natural' medications for tinnitus?	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234		Reduction in functional impact of subjective tinnitus, improvement in quality of life, adverse effects, acceptability to patient
What is the link between tinnitus and balance problems (including Meniere's disease, benign paroxysmal positional vertigo).	Uncertainties identified from clinicians' questions	No relevant systematic reviews identified	Any age	Diagnostic											What is the link between tinnitus and balance problems (including Meniere's disease, benign paroxysmal positional vertigo.)		Diagnostic tests	

What is the link between tinnitus and hyperacusis (over-sensitivity to sounds)?	Uncertainties identified from patients' questions	No relevant systematic reviews identified	9	Any age	Diagnostic														What is the link between tinnitus and hyperacusis (over-sensitivity to sounds)? Tinnitus Ranking 9 Uncertainty (arisey from abstract)				Diagnostic tests
What is the link between tinnitus and mood disorders?	Uncertainties identified from patients' questions	No relevant systematic reviews identified		Any age	Diagnostic														What is the link between tinnitus and mood disorders (arisey from abstract)				Diagnostic tests
What is the most effective management strategy for children with tinnitus and with Autism Spectrum Disorder?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Child / Adolescent	Exercise	Education and training	Diet	Drug	Psychological therapy	Physical therapies	Complementary therapies	Devices	Service delivery	Social care	Tender living care only				What is the most effective management strategy for children with tinnitus and with Autism Spectrum Disorder?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What is the most effective prevention campaign strategy to raise awareness of the risks to hearing and tinnitus, especially for young people?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Child / Adolescent	Education and training														What is the most effective prevention campaign strategy to raise awareness of the risks to hearing and tinnitus?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Prevention
What is the most effective prevention campaign strategy to raise awareness of the risks to hearing and tinnitus?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Education and training														What is the most effective prevention campaign strategy to raise awareness of the risks to hearing and tinnitus?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Prevention
What is the most effective tinnitus-specific training route for health professionals that improves outcomes for patients?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Education and training														What is the most effective tinnitus-specific training route for health professionals that improves outcomes for patients?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What is the most effective treatment of tinnitus (e.g. syringing, suction, softening)?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Exercise	Education and training	Diet	Drug	Devices	Complementary therapies	Psychological therapy	Physical therapies	Service delivery	Social care	Tender living care only				This is an indicative uncertainty at several similar submissions were made during the PSP survey. The steering group felt the above uncertainty reflects all the following submissions: Can a build up of ear wax worsen tinnitus? Can ear wax removal through syringing or suction alleviate tinnitus symptoms? Can tinnitus increase the build up of ear wax? What is the effect of sound reduction (e.g. ear plugs) on tinnitus? What is the link between tinnitus and ear wax? Can softening ear wax (using olive oil) alleviate tinnitus symptoms?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What is the most effective treatment strategy for tinnitus caused by head and neck injury?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Exercise	Education and training	Psychological therapy	Diet	Drug	Devices	Complementary therapies	Physical therapies	Social care	Service delivery	Tender living care only				This is an indicative uncertainty at several similar submissions were made during the PSP survey. The steering group felt the above uncertainty reflects all the following submissions: What is the link between tinnitus and head and neck injury? What is the link between tinnitus and head injury (e.g. accident)? What is the link between tinnitus and neck pain? What is the most effective treatment strategy for tinnitus caused by head and neck injury? What is the link between tinnitus and dental treatments for mechanical problems? What is the link between tinnitus and dental treatments such as amalgam fillings? What is the link between tinnitus and dental treatments such as orthodontics? What is the link between tinnitus and dental treatments? What is the link between tinnitus and jaw and dental problems (teeth grinding)? What is the link between tinnitus and jaw problems (e.g. temporomandibular joint disorder)? What is the link between tinnitus and earache? What is the link between tinnitus and facial pain? What is the link between tinnitus and headache or migraine? Why is tinnitus associated with specific facial sensations (facial tingling or numbness)? Any medications to treat an underlying headache effective in reducing tinnitus symptoms? Why can the tinnitus sound be altered by jaw movements or movements of the head? Why can the tinnitus sound be altered by touching your ears underneath? This submission was made by both patients and clinicians but UK DfETs has no way of checking that it was a checked submission of this type.	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What is the most sensitive and specific tinnitus-related outcome measure for quality of life?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Exercise	Education and training	Drug	Diet	Physical therapies	Devices	Complementary therapies	Tender living care only	Service delivery	Psychological therapy	Social care				What is the most sensitive and specific tinnitus-related outcome measure for quality of life?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What is the optimal set of guidelines for assessing children with tinnitus?	Uncertainties identified from clinicians' questions	Relevant systematic reviews identified	6	Child / Adolescent	Education and training	Diagnostic	Service delivery	Health care only											Are there specific guidelines for assessing children with tinnitus? Tinnitus Ranking 6 Uncertainty From clinician				Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient; and costs
What is the relationship between tinnitus and hearing loss?	Uncertainties identified from clinicians' questions	Relevant systematic reviews identified		Any age	Diagnostic														The above question is indicative of several submissions from the survey, and we think the following submissions are represented by the above uncertainty: Does noise-induced hearing loss give rise to a specific form of tinnitus? What is the frequency relationship between hearing ability and the tinnitus sound? Why do some people experience tinnitus when they have normal hearing or hearing loss that is outside the standard range that is measured in the audiology clinic (i.e. 6-8 dB)?				Diagnostic tests
What is the role of glial cells in tinnitus and how could these biochemical mechanisms inform future treatment strategies?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Drug														What is the role of glial cells in tinnitus and how could these biochemical mechanisms inform future treatment strategies?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What management strategies are more effective than a usual model of audiological care in improving outcomes for people with tinnitus?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	1	Any age	Exercise	Diet	Drug	Education and training	Psychological therapy	Physical therapies	Complementary therapies	Devices	Social care	Surgery	Tender living care only				Tinnitus Ranking 1 The above question is indicative of several submissions from the survey, and we think the following submissions are represented by the above uncertainty: What management strategies are more effective than a usual model of audiological care in improving outcomes for people with tinnitus? Do children habituate to (i.e. adjust to) the tinnitus sound more easily than adults? To what degree do people with pulsatile tinnitus tend to habituate to (i.e. adjust to) the sound so that it is no longer distressing and what mechanism facilitates this process? Why the symptoms are less noticeable when you are engaged in another activity (such as watching TV)? Why the symptoms are more noticeable when you focus on the condition? Uncertainty from patient from clinician	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient; and costs
What management strategy provides the most effective tinnitus masking?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Devices														What management strategy provides the most effective tinnitus masking?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What physical exercises are effective in changing tinnitus symptoms?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Exercise	Education and training	Diet	Drug	Psychological therapy	Physical therapies	Complementary therapies	Devices	Tender living care only	Social care	Service delivery				This is an indicative uncertainty at several similar submissions were made during the PSP survey. The steering group felt the above uncertainty reflects all the following submissions: Can breathing Exercises be effective in alleviating tinnitus symptoms? Can tinnitus be caused or made worse by physical Exercise? Is swimming underwater effective in alleviating tinnitus symptoms? Is Tai Chi an effective tinnitus management strategy? Is yoga an effective tinnitus management strategy? What physical Exercises are effective in alleviating tinnitus symptoms?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What preventative measures can reduce the risk of developing tinnitus?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Education and training														What preventative measures can reduce the risk of developing tinnitus?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Prevention
What psychological interventions are most effective for tinnitus in people who have a mood disorder (anxiety or depression)?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Psychological therapy														What psychological interventions are most effective for tinnitus in people who have a mood disorder (anxiety or depression)?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What psychological interventions are most effective for tinnitus?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Psychological therapy														What psychological interventions are most effective for tinnitus?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What sort of background sounds provide the most effective tinnitus masking (e.g. frequency, dynamic over time etc)?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Devices														What sort of background sounds provide the most effective tinnitus masking (e.g. frequency, dynamic over time etc)?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What sort of self-help strategies are beneficial for patients with tinnitus?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Exercise	Education and training	Drug	Diet	Physical therapies	Complementary therapies	Devices	Service delivery	Psychological therapy	Social care	Tender living care only				What sort of self-help strategies are beneficial for patients with tinnitus?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient
What specific mineral and vitamin supplements provide an effective way to reduce tinnitus?	Uncertainties identified from patients' questions	Relevant up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects		Any age	Complementary therapies														What specific mineral and vitamin supplements provide an effective way to reduce tinnitus?	Hoare DJ, Kowalowski VL, King S, Hall DA. Systematic review and meta-analysis of randomized controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMID:21671234			Reduction in functional impact of subjective tinnitus; improvement in quality of life, adverse effects; acceptability to patient

What specific type of diet is effective in reducing tinnitus symptoms?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Diet																Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. Sargua J, Vadda A. BMJ Clinical Evidence . Web publication date: 3 Feb 2012 (based on July 2011 search). Langgrobe M, Azevedo A, Bagaley D, Basir C, Casaca A, Coelho C, Dornhoff J, Figueiredo R, Flor H, Haq G, van de Heyning P, Hiller V, Khaf E, Kienyang T, Koller M, Lanza JM, Lindner A, Martin WH, Menemer M, Piccirilli J, De Ridder D, Roggendorf R, Scahill G, Varnstedt S, Zeman F, Langgob B. Methodological aspects of clinical trials in tinnitus: A proposal for an international standard. <i>Journal of Psychosomatic Research</i> 2012;73:1127-121.	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects or complications; costs; acceptability to patient		
What strategies are effective in reducing the impact of tinnitus when hearing aids are removed?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Devices																Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMD21871234 Hoare DJ, Edmondson-Jones AM, Seneida M, Alaroy MA, Hall DA (2012) Amplification with hearing aids for patients with tinnitus and co-existing hearing loss (Protocol). <i>Cochrane Database of Systemic Reviews</i> . Issue 10. Art. No.: CD010151. DOI: 10.1002/14651858.CD010151.	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects; acceptability to patient		
What type of digital hearing aid or amplification strategy provides the most effective tinnitus relief?	Uncertainties identified from clinicians' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	5	Any age	Devices															Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMD21871234 Hoare DJ, Edmondson-Jones AM, Seneida M, Alaroy MA, Hall DA (2012) Amplification with hearing aids for patients with tinnitus and co-existing hearing loss (Protocol). <i>Cochrane Database of Systemic Reviews</i> . Issue 10. Art. No.: CD010151. DOI: 10.1002/14651858.CD010151.	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects or complications; acceptability to patient; and costs		
Which medical specialties should be involved in the diagnosis and treatment of pulsatile tinnitus and what is the assessment protocol?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Diagnostic	Service delivery															Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMD21871234	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects; acceptability to patient		
Which medical specialties should be involved in the diagnosis and treatment of pulsatile tinnitus?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Diagnostic	Service delivery															Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMD21871234	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects; acceptability to patient		
Which medications have proven to be effective in pulsatile tinnitus management?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Drug																	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMD21871234	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects; acceptability to patient	
Which medications have proven to be effective in tinnitus management compared with placebo?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Drug																	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMD21871234	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects; acceptability to patient	
Which medications have proven to be effective in tinnitus management?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	10	Any age	Drug																Ballo P, Dones G, Lazzarini R, Mada P, McFarlan D. Antidepressants for patients with tinnitus. <i>Cochrane Database of Systemic Reviews</i> 2006, Issue 4. Art. No.: CD003853. DOI: 10.1002/14651858.CD003853.pub2 [D]. Mokkena CEL, Ryan BP, van Zanten DA, Rowan BM. Antidepressants for tinnitus. <i>Cochrane Database of Systemic Reviews</i> 2011, Issue 7. Art. No.: CD007960. DOI: 10.1002/14651858.CD007960.pub2 Scriber B, Fjor B, Heuserm R, Lemperle C. Drug and psychological therapies in chronic subjective tinnitus. Meta analysis of therapeutic effectiveness. <i>HNO</i> 2000;48(B):589-597.	Phase II Study of KRP-209. JPRN-JapicCT1-11644. Comparison of Single Versus Repeat Doses of Acute Intra-Tympanic NT-017/020: Double-blind, placebo-controlled, randomised clinical trial to evaluate the efficacy and safety of a nonsteroidal treatment of tinnitus with sarosirovir. Carotid and inner ear diseases ELECTRO08-01046-3A-AT. Safety Study for NET-011 and the Neupogen (pegfilgrastim) Set to Treat Tinnitus. NCT00977788. Randomised, double-blind study of ranoprene versus placebo in patients with tinnitus aetiology and low baseline blood levels of D10 ELECTRO08-010296-29-DE. Efficacy of AM-101 in Patients with Acute Inner Ear Tinnitus: A Multi-Centre, Double-Blind, randomised, Placebo-Controlled, Multiple Dose, Group Comparison Phase II Study. ELECTRO08-00579-10-DE. Duparlan ageritras pramipexol hat'as tinnitusa phisyalokasian ELECTRO07-00271-51-AU. Randomised double-blind, placebo-controlled, cross-over study comparing the effects of single dose and repeated dosing treatment for 14 days of vesipitant / paroxetine combination in an enriched population of subjects with tinnitus and hearing loss. ELECTRO06-013295-3A-08.	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects or complications; acceptability to patient; and costs
Would GPs benefit from a comprehensive and standardised guideline for tinnitus assessment, management and onward referral?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Service delivery																	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMD21871234	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects; acceptability to patient	
Would healthcare professionals benefit from a comprehensive and standardised guideline for tinnitus assessment?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Service delivery																	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMD21871234	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects; acceptability to patient	
Would patients presenting from tinnitus and echophonia benefit from a comprehensive and standardised guideline for tinnitus treatment?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Service delivery																	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMD21871234	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects; acceptability to patient	
Would patients presenting from tinnitus benefit from a comprehensive and standardised guideline for tinnitus treatment?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Service delivery																	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. PMD21871234	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects; acceptability to patient	
Would patients with tinnitus benefit from a comprehensive and standardised set of diagnostic tests?	Uncertainties identified from clinicians' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Diagnostic																	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. Sargua J, Vadda A. BMJ Clinical Evidence . Web publication date: 3 Feb 2012 (based on July 2011 search). Langgrobe M, Azevedo A, Bagaley D, Basir C, Casaca A, Coelho C, Dornhoff J, Figueiredo R, Flor H, Haq G, van de Heyning P, Hiller V, Khaf E, Kienyang T, Koller M, Lanza JM, Lindner A, Martin WH, Menemer M, Piccirilli J, De Ridder D, Roggendorf R, Scahill G, Varnstedt S, Zeman F, Langgob B. Methodological aspects of clinical trials in tinnitus: A proposal for an international standard. <i>Journal of Psychosomatic Research</i> 2012;73:1127-121.	Diagnostic tests	
Would people with tinnitus benefit from having a definitive list of medicines that are proven to either cause or make pulsatile tinnitus symptoms worse?	Uncertainties identified from patients' questions	Reliable up-to-date systematic reviews have revealed important continuing uncertainties about treatment effects	Any age	Drug																	Hoare DJ, Kowalowski VL, Kang S, Hall DA. Systematic review and meta-analysis of randomised controlled trials examining tinnitus management. <i>Laryngoscope</i> 2011;121:1555-1564. Sargua J, Vadda A. BMJ Clinical Evidence . Web publication date: 3 Feb 2012 (based on July 2011 search). Langgrobe M, Azevedo A, Bagaley D, Basir C, Casaca A, Coelho C, Dornhoff J, Figueiredo R, Flor H, Haq G, van de Heyning P, Hiller V, Khaf E, Kienyang T, Koller M, Lanza JM, Lindner A, Martin WH, Menemer M, Piccirilli J, De Ridder D, Roggendorf R, Scahill G, Varnstedt S, Zeman F, Langgob B. Methodological aspects of clinical trials in tinnitus: A proposal for an international standard. <i>Journal of Psychosomatic Research</i> 2012;73:1127-121.	Reduction in functional impact of subjective tinnitus; improvement in quality of life; adverse effects or complications; costs; acceptability to patient	