
Appendix 1: Summary of selected papers

Author(s)	Aim	Design	Participants and samples	Theme(s)
Aarsland et al (2009)	To discuss the epidemiology, clinical course, diagnosis, and management of some of the most common neuropsychiatric symptoms in Parkinson Disease: depression, anxiety, apathy, fatigue and psychotic symptoms	Literature review	Unknown	Relevant data and diagnostic activities Diagnoses Interventions
Buccheri et al. (2013)	To describe a tested practice model for teaching self-management of unpleasant auditory hallucinations	Theoretical essay	N/A	Relevant data and diagnostic activities Diagnoses Interventions
Buffum et al. (2009)	To evaluate the implementation of a 10-session behavioural management course for self-management of auditory hallucinations in patients with schizophrenia	Quasi-experimental study	(n = 32) patients within the Department of Veterans Affairs	Relevant data and diagnostic activities Interventions
Burghaus et al. (2012)	To review the prevalence, incidence, pathogenetic concepts and treatment guidelines of neurodegenerative diseases	Literature review	Unknown	Relevant data and diagnostic activities Diagnoses Interventions

	and their association with hallucination.			
Chadwick & Hemingway (2017/2018)	To critically appraise the most recent evidence regarding the effectiveness of investigating the content and meaning of visual hallucinations as a one-to-one therapeutic intervention, and to examine whether and how it can be incorporated into mental health nursing practice	Narrative Review	(n = 5) papers selected for review	Relevant data and diagnostic activities Diagnoses Interventions
Chaix et al. (2014)	To replicate in a French-speaking context previous studies about safety-seeking behaviours and verbal auditory hallucinations in schizophrenia	Cross-sectional study	(n = 28) ambulatory patients followed by the Department of Psychiatry at the Lausanne-Vaud University Hospital and the HorizonSud Foundation in Marsens, Switzerland.	Relevant data and diagnostic activities Diagnoses Interventions
Coffey & Hewitt (2008)	To explore service user and community mental health nurses' views on responses to voice hearing experiences	Thematic content analysis of exploratory interviews	(n = 20) community mental health nurses and (n = 20) service users	Relevant data and diagnostic activities Diagnoses Interventions

Dechamps et al. (2008)	To explore and determine the clinical figures of behavioural syndromes from the factor structure of the Neuropsychiatric Inventory-Nursing Home version (NPI-NH) in demented and psychotic patients	Observational, cross-sectional study	(n = 163) institutionalised elderly with dementia or psychosis	Relevant data and diagnostic activities
England (2008)	To assess efficacy of time-limited usual psychiatric care + cognitive nursing Intervention in a sample of voice hearers assigned a label of schizophrenia or schizoaffective disorder	Randomised controlled trial	(n = 65) community-dwelling voice hearers' patients	Relevant data and diagnostic activities Diagnoses Interventions
Gerlock et al. (2010)	To describe the implementation of the Harm Command Safety Protocol and the Unpleasant Voices Scale to respond to command hallucinations to harm in the context of the dissemination of a multisite, evidence-based behavioural management course for patients with auditory hallucinations	Experience report	Unknown	Relevant data and diagnostic activities Diagnoses Interventions
Goetz (2010)	Unknown	Literature review	Unknown	

				Relevant data and diagnostic activities Diagnoses
Haider (2012)	Unknown	Single case study Review	A nonagenarian patient who started reporting hallucinations shortly after being admitted to a long-term care	Relevant data and diagnostic activities Diagnoses Interventions
Hazell et al (2017)	To apply the Normalisation Process Theory model to a secondary mental health context, and test the model using exploratory factor analysis	Cross-sectional study	(n = 201) mental health clinicians working in an NHS mental health trust in the South of England	Interventions
Hazell et al. (2018)	This determine the extent to which symptom-specific cognitive behaviour therapy for voices can overcome the known barriers to accessing cognitive behaviour therapy for psychosis and whether any additional barriers are generated by cognitive behaviour therapy that	Literature review	Unknown	Relevant data and diagnostic activities Diagnoses Interventions

	specifically targets distressing voices			
Hughes (2013)	To explore the current understanding of Charles Bonnet syndrome, its treatment and the role of mental health nurses in this area	Literature review	(n = 21) articles	Relevant data and diagnostic activities Diagnoses Interventions
Kalhovde et al. (2013)	To contribute to the understanding of how people with mental illness experience hearing voices and sounds that others do not hear in daily life.	Hermeneutic phenomenological study	(n = 14) patients who had been hearing voices and sounds for 2 to 39 years	Relevant data and diagnostic activities Diagnoses Interventions
Khan et al. (2017)	To review the most recent studies about the association of neuropsychiatric complications with Parkinson's disease To highlight the epidemiology, diagnosis, pathophysiology, and treatment of the neuropsychiatric complications, with more emphasis on the pathophysiology of these complications	Literature review	(n = 244) articles	Relevant data and diagnostic activities Diagnoses Interventions
Lenka et al. (2015)	To critically analyse the published studies on the structural and functional neuroimaging in Parkinson	Literature review	(n = 21) articles	Relevant data and diagnostic activities Diagnoses

Disease patients with visual hallucinations				
Llebaria et al. (2010)	To explore the neuropsychological deficits associated with the different types of visual hallucinations observed in Parkinson Disease, from minor hallucinations to well-formed visual hallucinations with loss of insight	Prospective study	(n= 57) Parkinson Disease patients (n = 29) with visual hallucinations (n = 29) without visual hallucinations	Relevant data and diagnostic activities Diagnoses
Ma et al. (2016)	To explore social interactions, characteristics, and emotional behaviours to detect changes in auditory hallucinatory beliefs in patients with schizophrenia over a 3-month period	Prospective follow-up study	(n = 189) patients with schizophrenia	Relevant data and diagnostic activities Diagnoses Interventions
Martinez-Ramirez et al. (2016)	Unknown	Literature review	Unknown	Relevant data and diagnostic activities Diagnoses Interventions
Mason et al. (2014)	1) To identify theoretical underpinnings of malingering 2) To discuss interview and intervention techniques based on pertinent literature	Literature review	Unknown	Relevant data and diagnostic activities Diagnoses Interventions

3) To offer an organised mnemonic to help clinicians easily identify possible malingered psychosis presentations

Mosimann et al. (2008)	To develop a reliable, valid, semi-structured interview for identifying and assessing visual hallucinations in older people with eye disease and cognitive impairment	Pilot study	(n = 114) older people (n = 80) with visual and/or cognitive impairment (patient group) (n = 34) without known risks of hallucinations (control group)	Relevant data and diagnostic activities Diagnoses
Papapetropoulos et al. (2008)	To quantify the type and presence of hallucinations in a clinic population while controlling for disease factors, depression, anxiety and medication	Pilot study	(n = 70) Parkinson Disease patients	Relevant data and diagnostic activities Diagnoses
Place et al. (2011)	To get mental health nurses listening to voice hearers, by helping them to tell the story of their experience of voice hearing	Experience report	Unknown	Relevant data and diagnostic activities Diagnoses Interventions

Resnick et al. (2017)	<p>1) To determine if communities exposed to Evidence Integration Triangle for behavioural and psychological symptoms of dementia communities demonstrate evidence of implementation evaluated by the Reach, Effectiveness, Adoption, Implementation, and Maintenance criteria</p> <p>2) To evaluate the feasibility, utility, and cost of the Evidence Integration Triangle approach in Evidence Integration Triangle for behavioural and psychological symptoms of dementia communities</p>	Randomised clinical trial	(n = 50) nursing home communities	<p>Relevant data and diagnostic activities Interventions</p>
Roever et al. (2012)	Unknown	Literature review Case report	Unknown	<p>Relevant data and diagnostic activities Diagnoses Interventions</p>
Sivec & Montesano (2012)	To review the literature that addresses the effectiveness of Cognitive Behavioural Therapy for Psychosis, including particular areas of emphasis and practice elements associated with this approach	Literature review	Unknown	<p>Relevant data and diagnostic activities Diagnoses Interventions</p>

Suryani et al. (2013)	To identify the experience of auditory hallucinations as articulated by Indonesians diagnosed with schizophrenia	Phenomenological study	(n = 13) participants between 19 to 56 years of age who have been diagnosed with schizophrenia and have experienced auditory hallucinations	Relevant data and diagnostic activities Diagnoses Interventions
Woo et al. (2014)	Unknown	Case report	An 85-year old ethnic Chinese woman with a history of transient ischemic attacks and chronic bilateral hearing impairment, who experienced an acute onset of left unilateral musical hallucinations	Relevant data and diagnostic activities Diagnoses
Zahodne et al. (2008)	Unknown	Literature review	Unknown	Relevant data and diagnostic activities Diagnoses Interventions

Yang et al. (2015)	To examine the effectiveness of an auditory hallucinatory symptom management program in patients with chronic schizophrenia	Quasi- experimental design	(n = 58) people experiencing schizophrenia with auditory hallucinations from psychiatric inpatient rehabilitation wards in northern Taiwan (n = 29) in the experimental group (n = 29) in the control group.	Relevant data and diagnostic activities Diagnoses Interventions
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