



## Dual Sensory Loss in Older Adults

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### **An Overview of Dual Sensory Impairment in Older Adults: Perspectives for Rehabilitation**

[https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4111537/pdf/10.1177\\_1084713807308365.pdf](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4111537/pdf/10.1177_1084713807308365.pdf)

The authors summarized the available literature on dual sensory impairment (DSI) and outlined research needs regarding rehabilitation strategies. (OPEN ACCESS)

### **Rehabilitation Strategies for Older Adults with Dual Sensory Loss**

<http://www.hearingreview.com/2011/08/rehabilitation-strategies-for-older-adults-with-dual-sensory-loss/>

This online article examines dual sensory loss, and provides recommendations for better serving the needs of this unique and growing patient population. (OPEN ACCESS)

### **Dual Sensory Loss in Older Adults**

<https://www.youtube.com/watch?v=ALu1la1B1QQ>

This webinar introduced dual sensory loss in seniors and provides strategies to improve communication, positive interactions and accessible environments. (OPEN ACCESS)

### **Dual Sensory Loss in Older Adults: A Systematic Reivew**

<https://academic.oup.com/gerontologist/article/55/5/913/2605282>

The authors conducted a systematic review existing research to identify gaps in the literature regarding comorbidities and outcomes associated with dual sensory loss. (OPEN ACCESS)

### **Dual Sensory Impairment in Older Age**

<https://www.ncbi.nlm.nih.gov/pubmed/21596997>

This article investigates the effects and frequency of dual sensory impairment in older age. (PAID ACCESS)

### **Participation Experiences of People with Deafblindness or Dual Sensory Loss**

[https://sagelink.ca/participation\\_experiences\\_of\\_people\\_with\\_deafblindness\\_or\\_dual\\_sensory\\_loss\\_dec\\_11\\_2018](https://sagelink.ca/participation_experiences_of_people_with_deafblindness_or_dual_sensory_loss_dec_11_2018)

This presentation provided by Atul Jaiswal, PhD explored the characteristics, epidemiology and impact of dual sensory loss on life. The unique participation experiences of three categories of individuals in this population were discussed. (OPEN ACCESS)

### **Mental Health and Dual Sensory Loss in Older Adults: A Systematic Review**

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4030176/pdf/fnagi-06-00083.pdf>

This systematic review sought to investigate and summarize the evidence from studies that examined the mental health of older adults with dual sensory loss. (OPEN ACCESS)

### **Depressive and Anxiety Symptoms in Older Adults with Auditory, Vision, and Dual Sensory Impairment**

<https://www.ncbi.nlm.nih.gov/pubmed/?term=29896982>

The aim of the study described in this article was to examine the relationship of auditory, vision and dual sensory impairment with depressive and anxiety symptoms. (PAID ACCESS)

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### Dual Sensory Loss and Depressive Symptoms: The Importance of Hearing, Daily Functioning, and Activity Engagement

<https://www.frontiersin.org/articles/10.3389/fnhum.2013.00837/full>

The study described sought to extend existing research by investigating the effects of dual sensory loss on mental health to identify factors that explain the longitudinal associations between sensory loss and depressive symptoms. (OPEN ACCESS)

### Sensory Loss and Suicide Ideation in Older Adults: Findings From the Three-City Cohort Study

<https://www.cambridge.org/core/journals/international-psychogeriatrics/article/sensory-loss-and-suicide-ideation-in-older-adults-findings-from-the-threecity-cohort-study/B8C144716389157E04B3491232CC8F22>

The authors sought to investigate the longitudinal risk of vision loss or hearing loss for experiencing suicidal ideation in older adults. (PAID ACCESS)

### The Health and Well-Being of Older Adults with Dual Sensory Impairment (DSI) in Four Countries

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4858206/>

The investigators utilized data from InterRAI assessments and compared older adults with dual sensory impairment to all other older adults focusing on demographic characteristics, functional and psychosocial outcomes. (OPEN ACCESS)

### Quality of Life in Older Adults With Sensory Impairments: A Systematic Review

<https://link.springer.com/article/10.1007%2Fs11136-018-1799-2>

This systematic review aimed to determine the relationship between hearing impairment, visual impairment, dual sensory impairment and quality of life. (PAID ACCESS)

### Dual Sensory Impairment in Older Adults Increases the Risk of Mortality: A Population-Based Study

<https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0055054&type=printable>

The authors conducted a cohort study investigating the association between objectively measured dual sensory impairment with mortality risk over ten years. (OPEN ACCESS)

### Ageing With a Unique Impairment: A Systematically Conducted Review of Older Deafblind People's Experiences

[https://www.cambridge.org/core/services/aop-cambridge-core/content/view/DB7DA8E4A1A9E2CCA8C06D9579A26B4/S0144686X16000520a.pdf/ageing\\_with\\_a\\_unique\\_impairment\\_a\\_systematically\\_conducted\\_review\\_of\\_older\\_deafblind\\_peoples\\_experiences.pdf](https://www.cambridge.org/core/services/aop-cambridge-core/content/view/DB7DA8E4A1A9E2CCA8C06D9579A26B4/S0144686X16000520a.pdf/ageing_with_a_unique_impairment_a_systematically_conducted_review_of_older_deafblind_peoples_experiences.pdf)

This paper synthesized the knowledge available at the time with the aim of determining what is known about the experience of those ageing with deafblindness. (OPEN ACCESS)

### Participation Experiences of People with Deafblindness or Dual Sensory Loss: A Scoping Review of Global Deafblind Literature

[https://gallery.mailchimp.com/fa3447764d8d1381928e407da/files/426bc8a5-8941-4326-bda5-49ba5671839a/PLOS\\_One\\_Manuscript\\_1.pdf](https://gallery.mailchimp.com/fa3447764d8d1381928e407da/files/426bc8a5-8941-4326-bda5-49ba5671839a/PLOS_One_Manuscript_1.pdf)

The objective of the study described in this article was to identify and summarize available research literature on participation experiences of people with Deafblindness or dual sensory loss. (OPEN ACCESS)

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### Exploring Professionals' Experiences in the Rehabilitation of Older Clients with Dual-Sensory Impairment

[https://www.cambridge.org/core/services/aop-cambridge-core/content/view/F71FAB85066CFF0AAC6E65E034972ECB/S0714980819000035a.pdf/exploring\\_professionals\\_experiences\\_in\\_the\\_rehabilitation\\_of\\_older\\_clients\\_with\\_dualsensory\\_impairment.pdf](https://www.cambridge.org/core/services/aop-cambridge-core/content/view/F71FAB85066CFF0AAC6E65E034972ECB/S0714980819000035a.pdf/exploring_professionals_experiences_in_the_rehabilitation_of_older_clients_with_dualsensory_impairment.pdf)

This study investigated the perspectives of health care professionals who work with older adults with dual sensory impairment (DSI). (OPEN ACCESS)

### Exploring the Sensory Screening Experiences of Nurses Working in Long-term Care Homes with Residents who Have Dementia: A Qualitative Study

[https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6172849/pdf/12877\\_2018\\_Article\\_917.pdf](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6172849/pdf/12877_2018_Article_917.pdf)

The authors of this study sought to understand nurses' current experiences of screening and caring for long-term care residents who have dementia and sensory impairment. (OPEN ACCESS)

### Effectiveness of a Nurse-Supported Self-Management Programme for Dual Sensory Impaired Older Adults in Long-term Care: A Cluster Randomised Controlled Trial

<https://bmjopen.bmj.com/content/bmjopen/8/1/e016674.full.pdf>

This article describes the evaluation of a nurse-supported self-management programme aimed at empowering the dual sensory impaired older adults to address the domain of instrumental activities of daily living. (OPEN ACCESS)

### Dementia and Sensory Loss: Deafblindness

<https://www.scie.org.uk/dementia/living-with-dementia/sensory-loss/deafblind.asp>

This webpage explains what deafblindness is, the impact of deafblindness and dementia and suggestions on communication, ways to help and specialist support. (OPEN ACCESS)

### Assessment of Dementia in Individuals with Dual Sensory Loss: Application of a Tactile Test Battery

<https://www.karger.com/Article/Pdf/486092>

The aim of the study described was to develop and evaluated a Tactile Test Battery (TTB) for cognitive assessment in individuals with dual sensory impairment. (OPEN ACCESS)

### Problems Identified by Dual Sensory Impaired Older Adults in Long-Term Care When Using a Self-Management Program: A Qualitative Study

<https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0173601&type=printable>

This article describes a qualitative study conducted in parallel with a cluster randomized controlled trial which aimed to gain insights into the problems of dual sensory impaired older adults in long-term care. (OPEN ACCESS)

### Screening for Sensory Impairment in Older Adults: Training and Practice of Occupational Therapists in Quebec

[https://www.researchgate.net/publication/273506594\\_Screening\\_for\\_sensory\\_impairment\\_in\\_older\\_adults\\_Training\\_and\\_practice\\_of\\_occupational\\_therapists\\_in\\_Quebec](https://www.researchgate.net/publication/273506594_Screening_for_sensory_impairment_in_older_adults_Training_and_practice_of_occupational_therapists_in_Quebec)

The authors examined the sensory screening education for and practice by occupational therapists working with older adults using a cross-sectional survey. (OPEN ACCESS)

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### Recommendations for Successful Sensory Screening in Older Adults with Dementia in Long-term Care: A Qualitative Environmental Scan of Canadian Specialists

[https://www.researchgate.net/publication/322740000\\_Recommendations\\_for\\_successful\\_sensory\\_screening\\_in\\_older\\_adults\\_with\\_dementia\\_in\\_long-term\\_care\\_a\\_qualitative\\_environmental\\_scan\\_of\\_Canadian\\_specialists](https://www.researchgate.net/publication/322740000_Recommendations_for_successful_sensory_screening_in_older_adults_with_dementia_in_long-term_care_a_qualitative_environmental_scan_of_Canadian_specialists)

The study described in this publication sought to identify screening tools, technologies and strategies that vision and hearing care specialists recommend to front-line healthcare professionals for the screening of older adults in long-term care homes who have dementia. (PAID ACCESS)

### Dual Sensory Loss: Development of a Dual Sensory Loss Protocol and Design of a Randomized Controlled Trial

<https://bmcgeriatr.biomedcentral.com/track/pdf/10.1186/1471-2318-13-84>

This study described in this article provides a treatment protocol for rehabilitation of dual sensory loss within low vision rehabilitation. (OPEN ACCESS)

### Combined Impairments in Vision, Hearing and Cognition are Associated with Greater Levels of Functional and Communication Difficulties than Cognitive Impairment Alone: Analysis of InterRAI Data for Home Care and Long-term Care Recipients in Ontario

<https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0192971&type=printable>

This study sought to improve understanding the additional effects of having a sensory impairment (vision and/or hearing) in combination with cognitive impairment in relationship to health-related outcomes among older adults receiving home care or living in a long-term care home in Ontario, Canada. (OPEN ACCESS)

### Field Testing of two Electronic Mobility aid Devices for Persons who are Deafblind

<https://www.tandfonline.com/doi/abs/10.3109/17483107.2013.825929?journalCode=iidf20>

The purpose of the study described was to test a methodology for assessing the effects of electronic mobility aid devices (EMAD) on the mobility of persons who are deaf-blind in real-life situations. (PAID ACCESS)

### Systematic Review: Investigating the Effectiveness of Assistive Technology to Enable Internet Access for Individuals with Deafblindness

<https://www.ncbi.nlm.nih.gov/pubmed/29482473>

The authors conducted a systematic review of the published evidence regarding the development, use, and effectiveness of assistive devices and technologies that enable internet access for individuals who are deafblind. (PAID ACCESS)

### Hearing Assistive Technology Considerations for Older Individuals with Dual Sensory Loss

[https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4111529/pdf/10.1177\\_1084713807304363.pdf](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4111529/pdf/10.1177_1084713807304363.pdf)

This article focuses on the state of science related to audiological rehabilitation of individuals with dual sensory impairment with a focus on considerations of appropriate hearing assistive technology for this population. (OPEN ACCESS)