Acusticare: The use of soundscapes in care for people with dementia

Noise environment and dementia: attitude and perception of bedside carers in nursing homes. Large scale survey in Flanders.

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INTRODUCTION

The AcustiCare project investigates how the acoustical environment affects Persons with Dementia (PwD) and their Behavioral and Psychological Symptoms (BPSD). To get insight in caregivers’ attitude and perception of the general noise environment in nursing homes a large scale survey was send out.

METHODS

The online survey was made in Limesurvey. Email addresses of nursing homes were retrieved through the database of the Agency of Care and Health. To enhance response the survey was also disseminated through umbrella organizations (Dementia Expertise Centre and Zorgnet-Icuro) and through personal contacts of involved researchers and nursing homes.

RESULTS

Which noise types can provoke BPSD?

Different noise types were recognized as possible causes of BPSD. Verbal (98%) and non-verbal (91%) noise produced by other residents were designated as the most common factors to provoke BPSD. Other recognized factors were loud noises, repetitive noises and quiet noises such as whispering.

How aware are caregivers of the noise environment during their workday?

Almost three out of four caregivers state that they deliberately switched off the radio and/or television during their workday. One out of two indicates that caregivers regularly to continuously try to reduce background noise.

CONCLUSION

Although caregivers are aware that the noise environment influences BPSD, there is still room for improvement to raise the awareness for noise and to react appropriate (e.g. minimalizing background noise & using the noise environment to support care).

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