

## CONFERENCE ABSTRACT

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# COGNITIVE STATUS IN ELDERLY PATIENTS WITH HIP FRACTURE IN WESTERN ROMANIA

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**Key words:** dementia, hip fracture, accidental falls.

## OBJECTIVES

The aim of this study was to evaluate the cognitive status of geriatric patients hospitalised for fall-related

## MATERIALS AND METHODS

100 patients aged  $\geq 65$  years, successively admitted to the Orthopedic Units of the Emergency County Hospital Timișoara, between March and October 2016, for fall-related hip fractures, were assessed in order to evaluate cognitive dysfunction using the Mini Mental State Examination (MMSE).

## RESULTS

Subjects had a mean ( $\pm$ standard deviation) age of  $81.4 \pm 6.11$  and 76% were female patients. The prevalence of dementia in the studied group was 92%. 13 patients had severe dementia (MMSE score 0-10), 62 moderate (MMSE score 11-20), 17 mild (MMSE score 21-25) and 8 subjects had a normal cognitive function (MMSE score  $\geq 26$ ). 14 out of the total number of patients were previously diagnosed with dementia, but only 8 of them received specific medication.

## CONCLUSIONS

Given the high prevalence of dementia among hospitalised elderly patients with hip fractures in our sample, research evaluating in order to highlight the cognitive risk factors is a necessary step towards improving functional outcome.

## REFERENCES

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