

## **FREQUENCY OF NEUROLOGICAL DISORDERS IN EMERGENCY UNIT BASED ON AGE**

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Neurological diseases are prevalent in the emergency room (EU).

The aim of this study was to compare the neurological diagnoses between younger and older patients evaluated in the EU of a tertiary care hospital in Tirana, Albania.

**METHOD:** We include in this study all patients admitted to the EU from January to August 2014 who required neurological evaluation in the first 24 hours were separated into two groups based on age, <50 years old and 50 years old.

**RESULTS:** Stroke (63% vs. 18%, p0.01) was most frequent in the 50 years old group. Seizures (8% vs. 19%, p0.01) and primary headache (3% vs. 11%, p0.01) were most frequent in the <50 years old group.

**CONCLUSION:** The current study demonstrated that these three neurological diagnoses: stroke, seizures and headache represented the majority of the neurological evaluations in the ER. National guidelines for ER teams that treat these prevalent disorders must be included in clinical practice and training.