

## **Newly diagnosed extrapyramidal and movement disorders in Croatia throughout eleven years (2006-2016)**

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Movement disorders collectively affect approximately 10 million people in Europe, Parkinson's disease, essential tremor and primary dystonia being the three most common of these. They are considered to affect primarily older generation, although there are cases across all age groups. We intended to analyze the number of newly discovered cases of extrapyramidal and movement disorders in Croatia by age groups since 2006 to 2016. Thus we conducted a research of Croatian health statistics yearbook editions since 2006 to 2016. The ICD-10 version codes G20-G26 were taken into consideration. The population was distributed in four groups so as to be comparable to GBD; group 1 (0-6 yr.), group 2 (7-19 yr.), group 3 (20-64 yr.), group 4 (65+ yr.). Since 2006 to 2016 the total of newly discovered cases of extrapyramidal and movement disorders was 186,309, with an average of 16,937 cases for each year. When distributed across age groups, the greatest trend of increase in incidence can be seen in group 4 (65+ yr.), the least increasing trend is shown by the group 1 (0-6 yr.). The other two groups (2 and 3) also show a steady increase of new cases. The findings of this research are in correlation with other developed countries, and European yearbooks.