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[10%/I], the average leukocytes count a er 12 weeks of treatment witthe main symptoms such as aggression, behavior or sleep disturbances clozapine was 5.7 [%]. although treating pharmacoresistant schizophrenia in elderly by

e initial average granulocytes count was 2.608 [1] Othe average granulocytes count a er 4 weeks of treatment with clozapine was 2.710 Clozapine has many potential side e ects which may impede in [10%/]], the average granulocytes count a er 8 weeks of treatment withoutine use of clozapine for treating pharmacoresistant schizophrenia clozapine was 2.536 [2] D the average granulocytes count a er 12 in psychogeriatry – anticholinergic side e ects and potentially severe myelotoxicity are the most important. In white blood count (leukocytes, agranulocytes) during treatment with clozapine were not observed (Table 3).

Potential side e ects caused by clozapine in patients treated withain, increase of intraocular pressure in angular glaucoma, xerostomia, pharmacoresistant schizophrenia were evaluated a er 12 weeks xefrophtalmia, di culties with miction or even severe and potentialy therapy. Sedation was detected in 40% of patients, hypotension (bldethal paralytic ileus [5,6,14].

pressure bellow 100/60 Torr) was observed in 20% of patients, weight gain (more than 5 kg in last12 weeks) was detected in 40% of patients. e results o his Agitation was observed in 20% of patients, increase in venous blood glucose level (fasting glucose level from venous blood above 5.2 mmbharmacoresistant - when initially normal level) was detected in 40% of patients, as well as increase in level of blood lipids (cholesterol above 5.0 mmol/l of triglycerids above 1.7 mmol/l - when initially normal levels) which was detected in 40% of patients (Table 4).

Discussion

to similar nding in literature (research for myelotoxicity of clozapine Clozapine is used as a "rescue" antipsychotic for patients with elderly hasn't been done). Other side e ects, such as sedation, pharmacoresistant schizophrenia when former treatment by twhypotension, weight gain, agitation, increase of blood glucose and lipid di erent antipsychotics in adequate dosage and lenght of treatment vel, were detected in this research. is nding is in accordance with fails. is is the general recommendation for adult patients with other researchers in this eld [11-13]. Watchful monitoring of side pharmacoresistant schizophrenia,however, guidelines for treating ects of clozapine used in elderly is unevitable [12,13].

count in treated seniors were observed, this result can't be compared

of pharmacoresistant schizophrenia in elderly very o enly remains Limits of this research can be seen in limited size of the studied either empirical or "palliative" – this therapy usually covers just some Group of patients (ve) which makes interpretation of results di cult.

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On the other hand, pharmacoresistant schizophrenia in elderly treated with clozapine for the patients rst time at the old age is a clinical rarity, this extraordinary phenomenon is a barrier to size of studied group of patients. Another limit comes from design of the study, which was designed as open and unblinded study.

Conclusion

Clozapine can be used as "rescue"antipsychotic for treating the pharmacoresistant schizophrenia in elderly. Clozapine has proved clinical e ciency in pharmacoresistant schizophrenia in old age patients together with relative safety and relatively good tolerance by a patient. However, monitoring of side e ects of clozapine used in elderly is unevitable and this e by a