A. Characteristics of study subjects

The diseases classification was based on ICD-10 main class diagnostic codes. Within neuropsychiatric disorders the most frequent entities were: schizophrenia (diagnosed in 11 patients), unspecified nonorganic psychosis (9), recurrent depressive disorder (6) and mental and behavioral disorders due to previous alcohol use (4). Other ICD-10 codes were F06 (3), F31 (3), F32 (3), F22 (2), F25 (2), F03 (1), F23 (1), F40 (1), F43 (1), F60 (1) G30 (1) and G40 (1). In all patients, there were prominent psychotic symptoms which were the indication of introducing (13 patients) or switching antipsychotic medication (24 patients) or rapidly increasing the dose (one patient), including some patients with combined mental and neurological disorders as well as those with the sequelae of prior substance (alcohol) abuse.

The frequency order of 26 recorded somatic diseases were: cardiovascular ones (21 times recorded), then endocrine and metabolic ones (11) following digestive (5), rheumatologic (5), renal (2), respiratory (2), neoplastic (2), neurological (1), skin (1) and vestibulocochlear (1) disorders. Top five diagnoses were: arterial hypertension (11 patients), diabetes mellitus (4), arrhythmia (3), chronic heart failure (3) and hypercholesterolemia (3).

Drug prescriptions, according to ATC classification, were as it follows: medicines for alimentary tract and metabolism (4 medicines, 7 prescriptions), drugs for blood and blood forming organs (6, 24) and cardiovascular system (7, 20), antibacterials for systemic use (1, 1), medicines for musculoskeletal system (2, 2), antiepileptics (2, 8), anticholinergic agents (1, 5), antipsychotics (7, 49), anxiolytics, hypnotics and sedatives (7, 56), antidepressants (7, 18), nootropics and anti-dementia drugs (2, 2) and drugs for obstructive airway diseases (2, 2). The order of frequency of drug prescription, beyond the first five drugs, was: olanzapine (8), sertraline (8), sodium chloride isotonic infusion solution (7), enalapril (7), clozapine (7) and zolpidem (7). During the study two patients received two drugs in combination or successive protocol; other respective frequencies were as following: 4/3, 12/4, 8/5, 4/6, 3/7, 2/8, 1/9 and 2 patients took 10 drugs.