

## PS-103. PRESCRIPTION OF QUETIAPINE FROM THE PERSPECTIVE OF PATIENT SAFETY

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### BACKGROUND

Atypical antipsychotic need a health inspection of prescription (visa), that is, a prior official authorisation of prescriptions, so as to control safety of patients.

### PURPOSE

To describe the prescription of quetiapine in a health area and compare their indications with the approved ones on the summaries of visa from the perspective of patient's safety.

### METHODS

We conducted a descriptive observational study of the prescription of quetiapine between 15<sup>th</sup> September-15<sup>th</sup> October 2014 in a visa unit of a health area (hospital and primary care district).

**Variables:** gender, age, medical service, indication and acceptance or rejection

Quetiapine indications were classified according to the summaries of drug's visa:

- (1) Schizophrenia
- (2) Depressive episodes associated with bipolar disorder
- (3) Moderate to severe maniac episodes in bipolar disorder
- (4) Prevention of recurrence of maniac or depressed episodes in patients with bipolar disorder who previously responded to quetiapine treatment
- (5) Add-on ongoing treatment in patients with major depressive disorder who have had sub-optimal response to treatment with other antidepressants
- (6) Persistent aggressiveness among elderly people with moderate-severe dementia, who have contraindication or have not response to other treatments (bzp, haloperidol, risperidone)

### RESULTS

**31 prescriptions for quetiapine** Sex: 58.1% men. Mean age 65±19.4 years.

Medical services	
Primary care	41.9%
Mental health	32.3%
Neurology	6.5%

4 prescriptions (12.9%) were not correct according to the summaries of drug's visa, so they were rejected.

Indications for quetiapine	
Persistent aggressiveness with moderate to severe dementia	32.3%
Depressive episodes associated with bipolar disorder	22.6%
Schizophrenia	19.4%
Moderate to severe maniac episodes in bipolar disorder	19.4%

### CONCLUSIONS

Discrepancies between the drug's visa recommendations and real use of quetiapine commonly occur, which means added risk for the patients. Visa unit is essential to promote the safer use of atypical antipsychotics.