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Antipsychotic drug use in a Dutch population with intellectual disability; prevalence and reasons for prescription

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Background

- Prevalence
- Harmful side effects
- Longstanding use
- No clear indication
- Complex diagnostics
- Controversial indication for behavioural symptoms

Study Questions

- Current prevalence
- Patients characteristics
- Reasons for prescription
- Relationship with sex, severity of ID, living situation and co-morbid mental disorders

Methods and procedures

- File study
- Population: all 2373 clients searched for use of antipsychotics
- All users: patient characteristics
- Reasons for prescription

Classification of reasons for prescription of antipsychotics

- 0=no indication
- 1=psychotic disorder DSM-IV
- 2=unclassified psychotic disorder
- 3=psychotic symptoms
- 4=behavioural symptoms
- 5=sleep disturbance

Results: Prevalence

- Prevalence: 32.15%
- Confidence Interval 30.12-33.87
- 763 AP users in 2373 clients

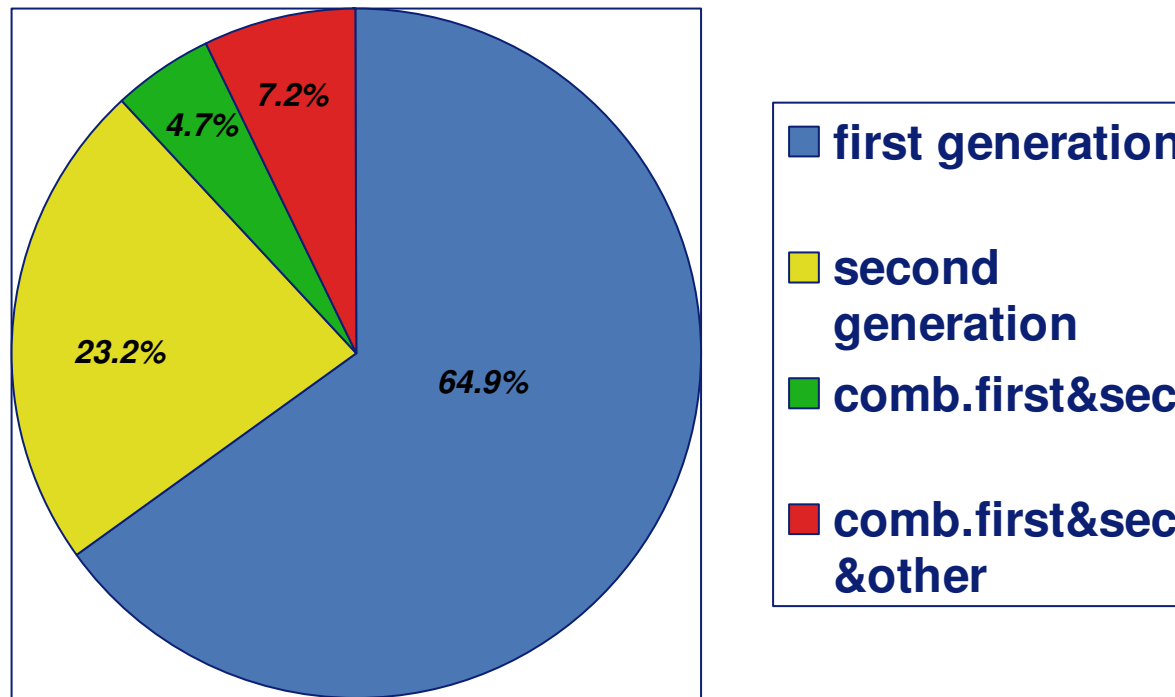
Results: patient characteristics

- Mean age: 50.3 years
- ♂: 478, ♀: 285
- Living situation: 524 central location, 176 community home with care & support, 61 community home with support
- Severity of ID: profound 190, severe 232, moderate 248, mild 93

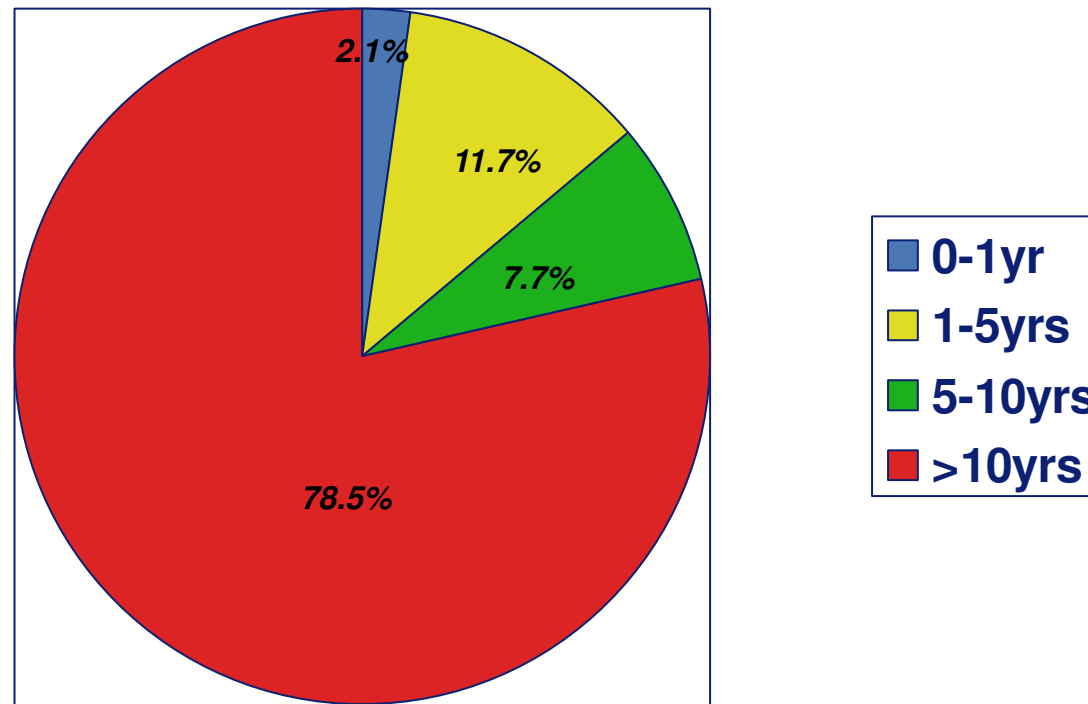
Results: co-morbid mental disorders & psychotropic co-medication

- Co-morbid mental disorders: none 56%
 - autism 35.1%
 - mood disorder 3.3%
 - other 5.6%
- Psychotropic co-medication: anti-depressants 16.8%
 - hypnotics/sedatives 0.9%
 - benzodiazepines 19.5%

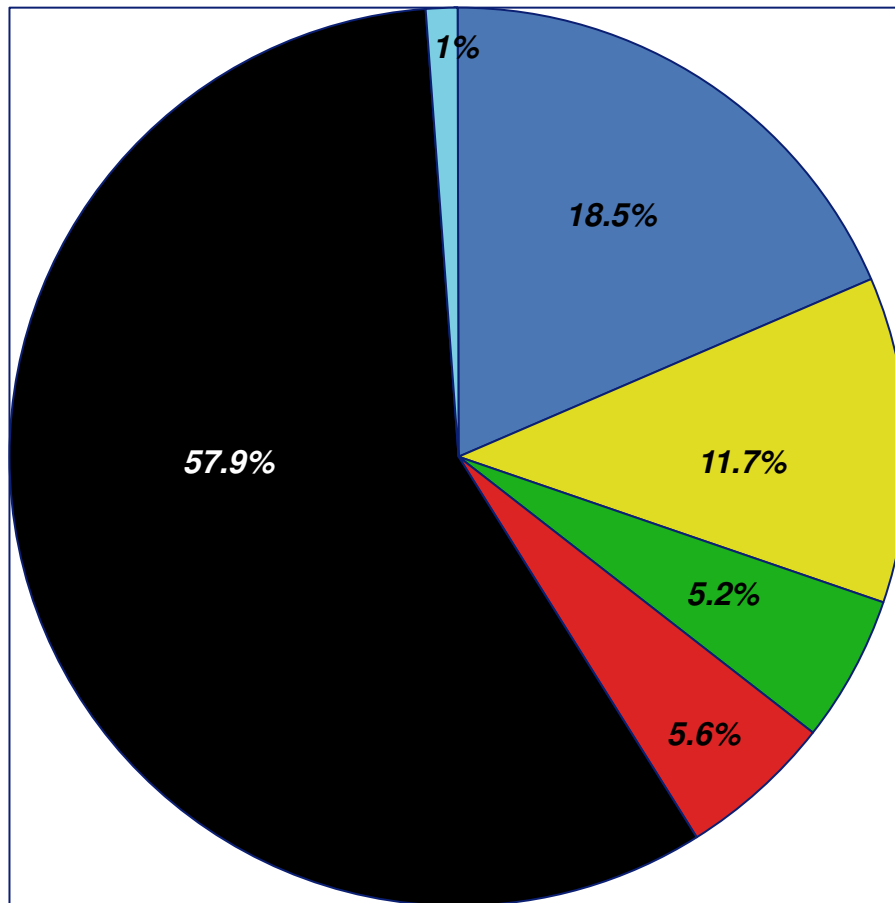
Results: type of antipsychotic agent



Results: Duration of use



Results: Reasons for prescription



- No indication
- Psychotic disorder DSM-IV
- Unclassified psychotic disorder
- Psychotic symptoms
- Behavioural problems
- Sleep disturbance

Conclusions

- Prevalence similar
- Behavioural problems main reason for prescription
- Data support longstanding use
- Data support complex diagnostics

Recommendations

- Use of specific diagnostic models
- Use of modified diagnostic instruments
- Development international guidelines
- Research to decrease off label use of AP

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Thank you for your attention

Psychotic ?