

Course Description

Psychopharmacology

Aim of the course

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The course discusses the major groups of psychopharmacological drugs, which are used for different psychiatric disorders (Pervasive Developmental Disorders, Attention-deficit and Disruptive Behavior Disorders, Tic Disorders, Mood disorders, Anxiety Disorders, Schizophrenia and Other Psychotic Disorders, Eating Disorders, Other disorders of infancy, childhood or Adolescent): antipsychotics, antidepressants, anxiolytics, fasis prophylactics and psychostimulants. There is a special focus on the use of psychopharmacological drugs among children and adolescents.

The course discusses the combination of psychotherapy and psychopharmacology.

Learning outcome, competences

Knowledge on psychopharmacological drugs among children and adolescents.

attitude:

- Viewing childhood mental disorders in a complex bio-psycho-social model
- Using current findings of evidence-based research and scientific standards
- Considering ethical standards of clinical evaluation

skills:

- Knowing in which cases pharmacological treatment is necessary
- Knowing the major groups of psychopharmacological drugs
- Knowing the effects and side effects of psychopharmacological drugs

Content of the course

Topics of the course

- See above

Learning activities, learning methods

- lecture

Evaluation of outcomes

Learning requirements, mode of evaluation, criteria of evaluation:

requirements

- student can miss one occasion

mode of evaluation: written examination (multiple choice test)

criteria of evaluation:

Reading list

Compulsory reading list

- Correll, C. U., Kratochvil C. J., & March J. S. (2011). Developments in pediatric psychopharmacology: focus on stimulants, antidepressants, and antipsychotics. *Journal of Clinical Psychiatry*, 72(5), 655-670.
- Molina, B. S., Hinshaw, S. P., Swanson, J. M., Arnold, L. E., Vitiello, B., Jensen, P. S., ... & Elliott, G. R. (2009). The MTA at 8 years: prospective follow-up of children treated for

combined-type ADHD in a multisite study. *Journal of the American Academy of Child & Adolescent Psychiatry*, 48(5), 484-500.

- Safer, D. J. (2011). Age-grouped differences in adverse drug events from psychotropic medication. *Journal of Child and Adolescent Psychopharmacology* 21(4), 299-30.
- Masi, G., & Liboni, F. (2011). Management of schizophrenia in children and adolescents: focus on pharmacotherapy. *Drugs*. 22,71(2), 179-208.
- Frick, P.J. et al (2010): *Clinical Assessment of Child and Adolescent Personality and Behavior*. Springer Science and Business *Media, LLC*.