

SYLLABUS

Program	Medicine
TRACK	Neurosciences
COURSE	MIND AND BRAIN II
CODE AND CREDITS	33526-04
HOURS	60
TERM:	Starting in 2016/1

OBJECTIVES: At the end of the course, students will:

- Recognize the main neurological and neurosurgical diseases as well as psychiatric disorders;
- Student will be able to diagnose patients through clinical vignettes and guided visits in small groups;
- Encourage experiential learning by reinforcing theoretical and technical skills.

COURSE DESCRIPTION:

The course will provide students with insights into the psychiatric, neurological and neurosurgical diagnosis and treatment of the most prevalent clinical situations in the Brazilian adult population. The course will also address the mechanism of major diseases affecting the population.

METHODOLOGY:

- Lectures on psychiatry, neurology and neurosurgery;
 - Practicum work in small groups with psychology, neurology and neurosurgery patients;
 - Small group discussions on psychiatry, neurology and neurosurgery;
 - Lumbar puncture training;
 - Clinical case discussion in psychiatry, neurology and neurosurgery.
- Epidemiology of neurological diseases;
 - Epilepsy: pathophysiology, prognosis of good syndrome and difficult to treat epilepsies;
 - Schizophrenia Spectrum Disorders and Other Psychotic Disorder;
 - Mood Disorders: Bipolar disorder;
 - Major Depression: Dysthymia and Cyclothymia;
 - Practicum Class 01;
 - Headaches;
 - Peripheral nervous system disorders;
 - Practicum Class 02;
 - Substance-Related Disorders, Addictive Disorders and Neurocognitive Disorders;
 - Practicum Class 03;
 - Brain aging and dementias: cognitive aspects;
 - Neurological Assessment in Adults;
 - Practicum Class 04;
 - Cerebrovascular diseases;
 - Practicum Class 05;
 - Mind, brain and bioethics;

Department's Stamp and Signature:

Av. Ipiranga, 6690 – Building 60 – Office 302
Zip Code: 90619-610 – Porto Alegre – RS
Phone: 51 3320.3015
Email address: medicina@pucrs.br
www.pucrs.br/medicina

- Clinical, psychiatric, psychosocial and bioethical aspects of degenerative central nervous system neurological diseases: Alzheimer's and Amyotrophic Lateral Sclerosis;
- Practicum activity: persistent vegetative state and brain death; clinical practice and bioethics;
- Practicum Class 06;
- Demyelinating Diseases;
- Practicum Class 07;
- Eating disorders and obesity;
- Extrapyrarnidal symptoms: clinical aspects and treatment;
- Practicum Class 08;
- Personality Disorder: introduction, hybrid model structural diagnosis: the usefulness of trace model;
- Practicum Class 09;
- Personality Disorders: Part I;
- Practicum Class 10;
- Personality Disorders: Part II.

Consultation with psychiatrist	Discussion of clinical cases using a psychiatric approach in general hospital patients (emphasis on present comorbid conditions such as delirium, depression, anxiety).
Admission into Psychiatry facility	Psychotic disorders - emphasis on major conditions such as: schizophrenia, delusional disorders, major depression or bipolar disorder.
Neurological Practice I	Epilepsy and cognitive functioning: investigation of language and memory
	Epilepsy and cases of epilepsy, diagnosis and treatment.

Neurological Practice II	Neurological examination and lumbar puncture.
Neurosurgery / Neuroimaging	Clinical meeting of the neurosurgery service

BIBLIOGRAPHY:

- **BASIC:**

- 1.

- **COMPLEMENTARY:**

- 1.

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