

SYLLABUS	
Program	Medicine
TRACK	Pediatrics and Family and Community Medicine
COURSE	Children and Adolescent Health
CODE AND CREDITS	33413-16
HOURS	240
TERM:	Starting in 2017/1

OBJECTIVES: At the end of the course, students will recognize the most common diseases affecting pediatric patients, with emphasis on prevention measures, clinical manifestations, diagnosis, treatment and prognosis. During the internship, they will also be exposed to less common pathologies, including pediatric specialties: neonatology, gastroenterology, genetics, infectology, neurology, pneumology, rheumatology, emergency and intensive care.

COURSE DESCRIPTION:

The course will address the following topics: Deeper insights into the skills needed for a comprehensive treatment of newborns, children and adolescents, including clinical, surgical, bioethical and mental health aspects; Peculiarities of growing infants in the social and ecological context; Real-life practices in pediatrics.

METHODOLOGY:

Newborn, child and adolescent care under supervision; group discussions; follow-up of procedures; introduction to realistic simulation; theory classes; discussions of articles and seminars.

- Theory Activities:

- Metabolic Disorders in Newborns;
- Newborn assistance in joint accommodation;
- Newborn assistance in the delivery room;
- Congenital Heart Diseases;
- Asthma and inhalation therapy;
- Acute viral bronchiolitis and baby wheezing;
- Neonatal jaundice;
- Perinatal Bacterial Infection;
- Pediatrics Laboratory;
- Perinatal asphyxia;
- Meningitis;
- Epidemiological surveillance;
- Children with AIDS;
- Hydroelectrolytic disorders;
- Respiratory failure;

Comentado [LMT1]: O que seria o alojamento conjunto?

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ESCOLA DE
MEDICINA

- Fever in Children and Adolescents;
- Cardiac insufficiency;
- Respiratory Problems in Newborns;
- Premature newborns;
- Childhood pneumonia;
- Cystic fibrosis and chronic lung disease;
- Cow's milk allergy and lactose intolerance;
- Recurrent abdominal pain;
- Headache in children and adolescents;
- Children with neurological sequelae;
- Remedial studies;
- Antibiotic use in pediatrics;
- Urinary tract infections;
- Nephritic and Nephrotic Syndrome;
- Celiac Disease and Inflammatory Bowel Disease;
- Constipation;
- Malnutrition in pediatric patients;
- Parasites;
- Childhood tuberculosis;
- Recurrent respiratory tract infections;
- Overweight and obesity;
- Gastroesophageal reflux;
- Skin rashes;
- Most common skin diseases in pediatric patients;
- Child abuse;
- Diabetes Mellitus;
- Teenage pregnancy;
- Developmental disorders;
- Childhood poisoning;
- Sepsis and septic shock;
- Genetic evaluation of children;
- Main genetic syndromes in pediatric patients;
- Difficult diagnosis in Pediatrics;
- Differential diagnosis of anemia;
- Remedial Exams;
- Controlled Diseases in Pediatrics;
- Emerging Pediatric Diseases;
- Congenital Infections;
- Rheumatic diseases in pediatric patients;

- Practicum Work:

- Module I: Joint Accommodation and Neonatal Intensive Care;
- Module II: Pediatric First-aid room;
- Module III: Outpatient care, Vila Fátima and Casa do Menino Jesus de Praga;
- Module IV: Pediatric ICU and ER and Pediatric Specialties.

Comentado [LMT2]: O que seria o alojamento conjunto?

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Page 2 of 3
Issued on: 03/03/20 - 15:16

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• **BASIC:**

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2. KLIEGMAN ET AL. NELSON R. M. *TEXTBOOK OF PEDIATRICS*, EDITION 19. PHILADELPHIA: SAUNDERS ELSEVIER, 2013.
3. SANTANA, JCB ET AL. *SAÚDE DA CRIANÇA E DO ADOLESCENTE: PUERICULTURA NA PRÁTICA PEDIÁTRICA*. PORTO ALEGRE: EDIPUCRS, 2011.

• **COMPLEMENTARY:**

1. MAKSOUD, JOÃO GILBERTO. *CIRURGIA PEDIÁTRICA*. RIO DE JANEIRO: REVINTER, 2003.
2. PICON, PX; MARÓSTICA PJC; BARROS E. *PEDIATRIA: CONSULTA RÁPIDA*. PORTO ALEGRE: ARTMED, 2ª EDIÇÃO, 2017.
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5. CLOHERTY JOHN ET AL. *MANUAL OF NEONATAL CARE*. 7 EDITION, 2015.

• **OTHER SOURCES:**

1. Cataldo Neto A, Gauer G, Furtado N. *Psiquiatria para Estudantes de Medicina*. Porto Alegre: EDIPUCRS, 2013.
2. Piva JP, Garcia PCR. *Medicina Intensiva em Pediatria*. 2. ed. Rio de Janeiro: Revinter, 2015. 1444p.
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4. *Jornal de Pediatria*, available on www.jpmed.com.br
5. *Sociedade Brasileira de Pediatria*, available on www.sbp.com.br
6. Manual de Dermatologia Clínica de Sampaio e Rivitti (as an e-Book at PUCRS Main Library).
7. <http://www.encyclopedia-crianca.com>
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Page 3 of 3
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