

講義ユニット名 Title of Lecture	Pediatrics		所属科目名 Title of Course	Systemic Disease Control
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授業方法 Lesson Style	Lectures using PowerPoint slides. During the unit period, a mini-tutorial is performed for training to think from a pediatric perspective.			
概要 Overview	The most important issue in pediatrics is to understand the process of growth and development that are common features of children. Based on this understanding, students will systematically learn about internal diseases and diseases in peripheral areas by organ from neonatal through adolescence.			
講義ユニットの到達目標 Academic Goals	<p>*In pediatrics, the pathology, diagnosis, and treatment of diseases of all organs of the body will be covered and therefore academic goals for all the items to be covered will not be listed here. The titles of lectures to be provided in this unit are shown below. All the knowledge of clinical pediatrics that is necessary for students of the School of Medicine will be covered by these lectures.</p> <ul style="list-style-type: none"> ◎Overview of Pediatrics ◎Child Health ◎Growth and Developmental Disorders ◎Neonatal Diseases ◎Cardiovascular Diseases ◎Kidney and Urologic Diseases ◎Neurological Diseases ◎Endocrine Diseases ◎Inborn Error of Metabolism ◎Viral Infections ◎Bacterial Infections ◎Infection Immunity ◎Allergic Diseases ◎Rheumatic and Connective Tissue Diseases ◎Blood Diseases ◎Hematologic Malignancies 			

©Solid Tumors

©Hematopoietic Stem Cell Transplantation

*Academic goals unique to this unit are shown below:

Explain the physiological characteristics of fetal circulation and breathing and post-natal change.

Assess the fetal growth with the gestational age and birth weight taken into account.

List common congenital diseases.

Explain the physiological characteristics of neonates.

Explain non-reassuring fetal status (NRFS).

Explain the classification of neonatal asphyxia.

Explain neonatal mass screening.

Explain the differentiation and treatment of neonatal jaundice.

List the causes of respiratory insufficiencies in the neonatal period.

Explain the basic management of normal babies, low birth weight infants, and sick children.

Give an outline of diseases specific to low birth weight infants.

Give an outline of neonatal diseases, including neonatal convulsion, that require emergency care.

Explain the development of the infant physiological function.

Explain the normal psychomotor development of infants.

Give an outline of basic methods for nursing and feeding infants.

Explain sudden infant death syndrome (SIDS).

Explain the psychomotor development and mind-body relation in children.

List nutritional issues in children.

Give an outline of the relationship between immune development and infections in children.

Explain the significance and details of vaccination in child health.

List common development-related abnormalities, including pediatric psychophysiological disorders.

Give an outline of child abuse.

Give an outline of the diagnosis and treatment of children.

List child behavior problems (attention deficit hyperactivity disorder (ADHD), autism, learning disability, and tic disorder).

Explain the mechanisms underlying puberty and sexual characteristics.

List mental health issues related to puberty.

Explain the causes, diagnosis and treatment of croup.

Explain the characteristics of pediatric bronchial asthma.

	<p>Explain the symptoms, pathology, diagnosis and treatment of neonatal respiratory distress syndrome.</p> <p>Give an outline of congenital adrenal hyperplasia.</p> <p>Give and outline of neuroblastoma and explain differences from pediatric abdominal solid tumors (neuroblastoma, embryoma, and teratoma).</p> <p>Explain the symptoms and diagnosis of measles.</p> <p>Explain the symptoms, diagnosis and complications of rubella.</p> <p>Explain the symptoms, diagnosis and treatment of varicella/herpes zoster.</p> <p>Explain the symptoms and diagnosis of exanthem subitum.</p> <p>Explain the symptoms and diagnosis of pharyngoconjunctival fever.</p> <p>Give an outline of neonatal group B streptococcal infection.</p> <p>Explain the pathophysiology, symptoms, diagnosis, and treatment of Kawasaki disease (pediatric acute febrile mucocutaneous lymph node syndrome).</p> <p>Explain the physiology, diagnosis and treatment of congenital immunodeficiency.</p> <p>Explain the causes, types, symptoms and rehabilitation of cerebral palsy.</p>
<p>講義日程 Class Schedule</p>	See the attached schedule.
<p>出席の取り扱い Class Attendance Policy</p>	Attendance is taken using the Student Attendance Management System. The pass/fail determination will be made based on class attendance and examinations.
<p>評価項目 Evaluation Item</p>	Achievement level of goals (basic understanding and application of knowledge)
<p>評価法 Evaluation Method</p>	Examination (in the form of a national examination)
<p>履修上のアドバイス Advice for Taking the Lecture</p>	
<p>推奨参考書 Recommended Reference Books</p>	