

## 课程详述

### COURSE SPECIFICATION

以下课程信息可能根据实际授课需要或在课程检讨之后产生变动。如对课程有任何疑问，请联系授课教师。

The course information as follows may be subject to change, either during the session because of unforeseen circumstances, or following review of the course at the end of the session. Queries about the course should be directed to the course instructor.

1.	<b>课程名称 Course Title</b>	内科学（一） Internal medicine I
2.	<b>授课院系 Originating Department</b>	医学院 School of Medicine
3.	<b>课程编号 Course Code</b>	MED407
4.	<b>课程学分 Credit Value</b>	3
5.	<b>课程类别 Course Type</b>	专业核心课/ Major Core Courses
6.	<b>授课学期 Semester</b>	秋季/ Fall
7.	<b>授课语言 Teaching Language</b>	中英双语 English & Chinese
8.	<b>授课教师、所属学系、联系方式 Instructor(s), Affiliation &amp; Contact</b> (For team teaching, please list all instructors)	张欣洲，南方科技大学附属第一医院， xin.zhou2@qq.com Xinzhou Zhang, 1st Affiliated Hospital of SUSTech, xin.zhou2@qq.com
9.	<b>实验员/助教、所属学系、联系方式 Tutor/TA(s), Contact</b>	王博，医学院， wangb7@sustech.edu.cn Bo Wang, School of Medicine, wangb7@sustech.edu.cn
10.	<b>选课人数限额(可不填) Maximum Enrolment (Optional)</b>	

11. 授课方式 Delivery Method	讲授 Lectures	习题/辅导/讨论 Tutorials	实验/实习 Lab/Practical	其它(请具体注明) Other (Please specify)	总学时 Total
学时数 Credit Hours	32		32		64
12. 先修课程、其它学习要求 Pre-requisites or Other Academic Requirements	无/NA				
13. 后续课程、其它学习规划 Courses for which this course is a pre-requisite	待定/To be determined				
14. 其它要求修读本课程的学系 Cross-listing Dept.	待定/To be determined				

### 教学大纲及教学日历 SYLLABUS

#### 15. 教学目标 Course Objectives

本课程旨在学生掌握内科学基础理论和诊断学基本概念和内科学基本技术操作的基础上，学习和掌握心内科、呼吸内科和肾内科疾病的病因、发生发展规律、病理、临床表现、诊断要点、鉴别诊断、预防和治疗原则、预后等内科学知识。

The purpose of this course is to learn and master the etiology, occurrence and development rules, pathology, clinical manifestations, diagnostic points, differential diagnosis, prevention and treatment principles, prognosis and other medical knowledge of cardiology, respiratory medicine and nephrology diseases on the basis of mastering the basic theory of internal medicine and the basic concept of diagnostics and the basic technical operation of internal medicine.

#### 16. 预达学习成果 Learning Outcomes

1. 了解内科学的基本理论、基本原则和基本方法；
  2. 提高学生对内科学的常见疾病的认识及处理。
1. Understand the basic theories, principles and methods of internal medicine;
  2. Improve students' ability of common diseases in internal medicine.

#### 17. 课程内容及教学日历 (如授课语言以英文为主, 则课程内容介绍可以用英文; 如团队教学或模块教学, 教学日历须注明主讲人) Course Contents (in Parts/Chapters/Sections/Weeks. Please notify name of instructor for course section(s), if this is a team teaching or module course.)

【呼吸系统疾病】

Respiratory disorders

总论

General

1. 掌握呼吸系统结构和功能特点。

Master the structural and functional characteristics of the respiratory system.

2. 熟悉呼吸系统疾病的临床特点及常用诊疗技术。

Be familiar with the clinical characteristics and commonly used diagnosis and treatment techniques of respiratory diseases.

3. 了解呼吸系统疾病的防治进展。

Understand the progress in the prevention and treatment of respiratory diseases.

肺结核

Tuberculosis

1. 掌握结核病的临床分型及其特征；本病的预防和治疗原则。

Master the clinical classification and characteristics of tuberculosis; the principles of prevention and treatment of this disease.

2. 了解肺结核的流行病学、病原学特征和病理表现；肺结核的辅助检查手段。肺结核治疗常用药物的作用机制、副作用和常用化疗方案。

Understand the epidemiology, etiological characteristics and pathological manifestations of pulmonary tuberculosis; auxiliary examination methods of pulmonary tuberculosis. Mechanism of action, side effects, and commonly used chemotherapy regimens of drugs commonly used in the treatment of pulmonary tuberculosis.

慢性阻塞性肺疾病（COPD）

Chronic obstructive pulmonary disease (COPD)

1. 掌握 COPD 定义、诊断及鉴别诊断、稳定期病情严重程度综合评估；COPD 治疗原则。

Master the definition, diagnosis and differential diagnosis of COPD, comprehensive assessment of the severity of stable disease; COPD treatment principles.

2. 熟悉 COPD 的病因；COPD 发病机制和病理生理特征；COPD 并发症。

Be familiar with the etiology of COPD; COPD pathogenesis and pathophysiological characteristics; COPD complications.

3. 了解 COPD 患者的健康教育及控烟措施。

Understand the common acid-base imbalance in decompensated cor pulmonale and its management.

慢性肺源性心脏病

Chronic pulmonary heart disease

1. 掌握肺心病的定义、代偿期和失代偿期的临床表现特点、诊断，发病原因和治疗原则。

Master the definition of cor pulmonale, clinical features, diagnosis, causes and treatment principles of compensated and decompensated cor pulmonale.

2. 熟悉肺心病的发病机制。

Be familiar with the pathogenesis of cor pulmonale.

3. 了解肺心病失代偿期常见的酸碱失衡及其处理。

Understand the common acid-base imbalance in decompensated cor pulmonale and its management.

支气管哮喘

Bronchial asthma

1. 掌握哮喘的概念、临床表现诊断、鉴别诊断及并发症。

Master the concept, clinical manifestations, diagnosis, differential diagnosis and complications of asthma.

2. 熟悉哮喘的流行病学、病因和发病机理、分型和病情分级以及哮喘的治疗原则。

Be familiar with the epidemiology, etiology and pathogenesis, classification and disease grade of asthma as well as the treatment principles of asthma.

3. 了解哮喘的各种治疗药物的作用机制；患者的健康教育；GINA。哮喘的现代观点。

Understand the mechanism of action of various therapeutic drugs for asthma; health education for patients; GINA. Modern perspectives on asthma.

肺血栓栓塞症

Pulmonary thromboembolism

1. 掌握肺栓塞的概念、病因；常见临床表现；诊断措施。

Master the concept and etiology of pulmonary embolism; common clinical manifestations; diagnostic measures.

2. 熟悉肺栓塞的发病机制；鉴别诊断和常见误诊原因；肺栓塞的治疗原则和预防措施。

Be familiar with the pathogenesis of pulmonary embolism; differential diagnosis and common causes of misdiagnosis; treatment principles and preventive measures of pulmonary embolism.

3. 了解常用的抗凝和溶栓药物的作用机制和疗效监测；肺栓塞患者的健康教育。

Understand the mechanism of action and efficacy monitoring of commonly used anticoagulant and thrombolytic drugs; health education for patients with pulmonary embolism.

#### 胸腔积液

#### Pleural effusion

1. 掌握胸腔积液的常见病因；胸腔积液的诊断和鉴别诊断（渗出液和漏出液）；结核性胸膜炎的临床和胸水特征。

Master the common causes of pleural effusion; diagnosis and differential diagnosis of pleural effusion (exudate and transudate); clinical and pleural fluid characteristics of tuberculous pleurisy.

2. 了解胸腔积液的发生机制；结核性胸膜炎的治疗和处理方法。恶性胸水、脓胸的发生机制和处理。

Understand the mechanism of pleural effusion; treatment and management of tuberculous pleurisy. Mechanism and management of malignant pleural effusion and empyema.

#### 自发性气胸

#### Spontaneous pneumothorax

1. 掌握自发性气胸的诊断、分型、鉴别诊断和治疗方法。

Master the diagnosis, classification, differential diagnosis and treatment of spontaneous pneumothorax.

2. 了解自发性气胸的病因和发病机制。自发性气胸的并发症和处理方法。

Understand the etiology and pathogenesis of spontaneous pneumothorax. Complications and management of spontaneous pneumothorax.

#### 肺炎

#### Pneumonitis

1. 掌握肺炎的分类、社区获得性肺炎和医院内获得性肺炎的概念、特点和诊断依据以及治疗原则；肺炎球菌肺炎、非典型肺炎（支原体肺炎）的临床与病理特点、诊断与治疗方法。

Master the classification of pneumonia, the concept, characteristics, diagnostic basis and therapeutic principles of community-acquired pneumonia and nosocomial pneumonia; the clinical and pathological characteristics, diagnosis and treatment of pneumococcal pneumonia and atypical pneumonia (mycoplasma pneumonia).

2. 熟悉社区获得性肺炎和医院内获得性肺炎的病原学构成；重症肺炎的诊断标准；

Be familiar with the etiological constitution of community-acquired pneumonia and nosocomial pneumonia; Diagnostic criteria for severe pneumonia;

3. 了解肺炎的流行病学、病因以及病原学演变。

Understand the epidemiology, etiology, and etiological evolution of pneumonia.

#### 肺脓肿

#### Lung abscess

1. 掌握肺脓肿的诊断、治疗原则和方法。

Master the diagnosis, treatment principles and methods of lung abscess.

2. 熟悉肺脓肿的鉴别诊断。

Be familiar with the differential diagnosis of lung abscess.

3. 了解肺脓肿的病因、发病机理。外科治疗的适应症。

Understand the etiology and pathogenesis of lung abscess. Indications for surgical treatment.

#### 支气管扩张

#### Bronchiectasis

1. 掌握支气管扩张的临床表现特点、诊断及治疗原则。

Master the clinical characteristics, diagnosis and treatment principles of bronchiectasis.

2. 了解支气管扩张的病因及发病机制。

Understand the etiology and pathogenesis of bronchiectasis.

#### 支气管肺癌

#### Bronchogenic carcinoma

1. 掌握支气管肺癌的概念、常见病理类型；肺癌的早期症状、早期诊断和治疗原则。

Master the concept of bronchogenic carcinoma, common pathological types; early symptoms, early diagnosis and treatment principles of lung cancer.

2. 熟悉支气管肺癌的病理特点; SCLC 和 NSCLC 的分期; 治疗的常用药物和常用化疗。

Be familiar with the pathological features of bronchogenic carcinoma; staging of SCLC and NSCLC; commonly used drugs for treatment and commonly used chemotherapy.

3. 了解肺癌的病因和流行病学现状。

Understand the etiology and epidemiological status of lung cancer.

#### 呼吸衰竭

#### Respiratory failure

1. 掌握呼吸衰竭的概念、分型和主要发病机理; 缺氧和二氧化碳潴留对机体重要器官的影响及其主要临床表现; 慢性呼吸衰竭的处理原则。

Master the concept, classification and main pathogenesis of respiratory failure; the effect of hypoxia and carbon dioxide retention on vital organs of the body and its main clinical manifestations; the treatment principles of chronic respiratory failure.

2. 熟悉氧疗的适应证; 呼吸兴奋剂的使用原则和注意事项。

Be familiar with the indications of oxygen therapy; the principles and precautions of the use of respiratory stimulants.

3. 了解呼吸衰竭的主要发病机理。

Understand the main pathogenesis of respiratory failure.

#### 急性呼吸窘迫综合征 (ARDS)

#### Acute Respiratory Distress Syndrome (ARDS)

1. 掌握急性呼吸窘迫综合征(ARDS)的概念、临床表现、诊断、鉴别诊断及治疗原则。

Master the concept, clinical manifestations, diagnosis, differential diagnosis and treatment principles of acute respiratory distress syndrome (ARDS).

2. 熟悉 ARDS 的病因、发病机制、病理与病理生理。

Be familiar with the etiology, pathogenesis, pathology and pathophysiology of ARDS.

3. 了解 ARDS 的机械通气治疗策略。

Understand mechanical ventilation treatment strategies for ARDS.

睡眠呼吸暂停低通气综合征 (SAHS)

Sleep Apnea-Hypopnea Syndrome (SAHS)

1. 掌握阻塞性睡眠呼吸暂停低通气综合征(OSAHS)的概念、危险因素、临床表现、诊断和处理原则。

Master the concept, risk factors, clinical manifestations, diagnosis and treatment principles of obstructive sleep apnea-hypopnea syndrome (OSAHS).

2. 熟悉睡眠呼吸暂停低通气综合征的分型、病因。

Be familiar with the classification and etiology of sleep apnea-hypopnea syndrome.

3. 了解睡眠呼吸暂停低通气综合征的发病机制。

Understand the Pathogenesis of Sleep Apnea-Hypopnea Syndrome.

【循环系统疾病】

Circulatory disease

总论

General

1. 掌握循环系统疾病流行病学特点；病因、临床表现、诊断、防治方法及急救技术。

Master the epidemiological characteristics of circulatory system diseases; etiology, clinical manifestations, diagnosis, prevention and treatment methods and first aid techniques.

2. 熟悉心血管系统的结构、功能。

Be familiar with the structure and function of cardiovascular system.

3. 了解循环系统疾病范围、本学科的进展。

Understand the extent of circulatory disease and the progress of this discipline

心力衰竭

Heart failure

1. 掌握慢性心力衰竭的临床表现、诊断和鉴别诊断、治疗原则。急性心力衰竭抢救措施。

Master the clinical manifestations, diagnosis, differential diagnosis and treatment principles of chronic heart failure. Rescue measures for acute heart failure.

2. 熟悉心功能分级；急性左心衰竭的病因诱因、发病机制、临床表现和辅助检查。



Be familiar with cardiac functional classification; etiology, pathogenesis, clinical manifestations and auxiliary examination of acute left heart failure.

3. 了解心力衰竭病理生理。

Understand heart failure pathophysiology.

感染性心内膜炎

Infective endocarditis

1. 掌握感染性心内膜炎的临床表现和诊断。

Master the clinical manifestations and diagnosis of infective endocarditis.

2. 熟悉感染性心内膜炎的病因、实验室和其他检查、鉴别诊断。治疗原则如抗生素治疗、外科手术指征、并发症及处理。

Be familiar with the etiology, laboratory and other examinations and differential diagnosis of infective endocarditis. Treatment principles such as antibiotic therapy, surgery, complications and treatment.

3. 了解感染性心内膜炎的发病机理；感染性心内膜炎的病理改变。

Understand the pathogenesis of infective endocarditis; the pathological changes of infective endocarditis.

心包疾病

Pericardial disorder

1. 掌握心包疾病的临床分类；急性心包炎的临床表现、诊断要点及治疗原则。

Master the clinical classification of pericardial diseases; clinical manifestations, diagnostic points and treatment principles of acute pericarditis.

2. 熟悉心包疾病的临床病因。急性心包填塞的特点。

Be familiar with the clinical etiology of pericardial disease. Characteristics of acute cardiac tamponade.

3. 了解心包疾病的治疗原则；心包穿刺技术要点。

Understand the treatment principles of pericardial diseases; technical points of pericardiocentesis.

动脉粥样硬化和冠状动脉粥样硬化性心脏病

Atherosclerosis and coronary atherosclerotic heart disease

1. 掌握冠心病的分型、急性冠脉综合征的概念。危险因素、临床特征、诊断标准及防治原则；冠心病的一级及二级预防。

Master the classification of coronary heart disease and the concept of acute coronary syndrome. Risk factors, clinical features, diagnostic criteria and principles of prevention and treatment; primary and secondary prevention of coronary heart disease.

2. 熟悉本病的病因和流行病学；冠脉病变及心肌梗死的病理；冠心病介入治疗的适应症。

Be familiar with the etiology and epidemiology of this disease; the pathology of coronary artery disease and myocardial infarction; the indications of interventional therapy for coronary heart disease.

3. 了解动脉粥样硬化和冠心病的发生机理和发展规律。冠心病的血运重建治疗技术（经皮腔内冠状动脉介入和冠状动脉旁路移植术）的应用。

Understand the mechanism and development of atherosclerosis and coronary heart disease. Application of revascularization techniques (percutaneous transluminal coronary intervention and coronary artery bypass grafting) for coronary heart disease.

高血压

Hypertension

原发性高血压

Essential hypertension

1. 掌握高血压的分类及分级诊断标准（2005 年中国高血压指南）；危险度分层的条件及标准；高血压的防治原则和急诊处理。

Master the classification and grading diagnostic criteria of hypertension (2005 Chinese Guidelines for Hypertension); the conditions and criteria for risk stratification; the prevention and treatment principles of hypertension and emergency treatment.

2. 熟悉高血压产生的机制；高血压靶器官损害的特点；高血压治疗的 6 类药物。

Be familiar with the mechanism of hypertension; the characteristics of hypertension target organ damage; 6 drugs for hypertension treatment.

3. 了解高血压病因和流行病学，原发性高血压与继发性高血压的鉴别；联合药物治疗方案。

Understand the etiology and epidemiology of hypertension, the differentiation between essential hypertension and secondary hypertension; combined drug therapy regimens.

心肌炎和心肌病

Myocarditis and cardiomyopathy

1. 掌握病毒性心肌炎的病因、病理、临床表现、诊断和治疗。

Master the etiology, pathology, clinical manifestations, diagnosis and treatment of viral myocarditis.

2. 熟悉原发性心肌病各型（扩张型、肥厚型、限制型）的病理、临床表现、诊断要点和治疗原则。

Be familiar with the pathology, clinical manifestations, diagnostic points and therapeutic principles of various types of primary cardiomyopathy (dilated, hypertrophic and restrictive).

3. 了解心肌炎和心肌病的定义和分类。

Understand the definition and classification of myocarditis and cardiomyopathy.

#### 心脏瓣膜病

#### Valvular heart disease

1. 掌握二尖瓣和主动脉瓣狭窄、关闭不全的血流动力学改变、临床表现、主要并发症、诊断要点、介入治疗及外科治疗的指征和禁忌征。

Master the hemodynamic changes, clinical manifestations, main complications, diagnostic points, interventional therapy and surgical treatment of mitral and aortic stenosis and insufficiency.

2. 熟悉心脏瓣膜病的病因、超声心动图特征。

Be familiar with the etiology and echocardiographic features of valvular heart disease.

3. 了解风湿性心脏瓣膜病与风湿热关系。

Understand the relationship between rheumatic valvular heart disease and rheumatic fever.

#### 人工心脏起搏器

#### Artificial cardiac pacemaker

1. 掌握心脏起搏器的概念、起搏器适应症及起搏器的 NBG 编码。

Master the concept of cardiac pacemaker, pacemaker indications and NBG code of pacemaker.

2. 熟悉起搏器治疗的历史、心脏解剖及传导系统、起搏器功能。

Be familiar with the history of pacemaker therapy, cardiac anatomy and conduction system, and pacemaker function.

3. 了解起搏器系统构成、起搏器植入部位、起搏器植入技术。

Understand the composition of pacemaker system, pacemaker implantation site and pacemaker implantation technique.

#### 心律失常

#### Arrhythmia

1. 掌握常见心律失常心电图的特征、诊断和治疗原则。

Master the characteristics, diagnosis and treatment principles of ECG for common arrhythmias.

2. 熟悉常见心律失常的病因和临床表现。

Be familiar with the etiology and clinical manifestations of common arrhythmias.

3. 了解心律失常的发病原理。

Understand the pathogenesis of arrhythmias.

心脏骤停和心脏性猝死

Sudden cardiac arrest and sudden cardiac death

1. 掌握心脏性猝死的概念、常见病因、临床表现及心肺复苏技术；心脏骤停的病理生理机制及防治措施。

Master the concept, common causes, clinical manifestations and cardiopulmonary resuscitation techniques of sudden cardiac death; pathophysiological mechanism and prevention and treatment measures of sudden cardiac arrest.

2. 熟悉心肺复苏后处理原则。

Be familiar with the principles of post-cardiopulmonary resuscitation.

3. 了解心脏性猝死的发病机理及预防。

Understand the pathogenesis and prevention of sudden cardiac death.

主动脉夹层

Aortic dissection

1. 掌握主动脉夹层的概念、分型、临床表现、常见并发症、治疗目的。

Master the concept, classification, clinical manifestations, common complications and treatment purpose of aortic dissection.

2. 熟悉主动脉夹层的病理改变、影像学表现、预后。

Be familiar with the pathological changes, imaging findings and prognosis of aortic dissection.

3. 了解主动脉夹层介入治疗与外科手术治疗方法。

Understand the interventional therapy and surgical treatment of aortic dissection.

【理化因素所致疾病】

Diseases caused by physical and chemical factors

## 中毒总论

### General theory of poisoning

1. 掌握中毒的基本概念；急性中毒的诊断程序和治疗。

Master the basic concept of poisoning; diagnostic procedures and treatment of acute poisoning.

2. 熟悉急性和慢性中毒的临床表现；毒物及常见中毒的解毒药(特效解毒药)；

Be familiar with the clinical manifestations of acute and chronic poisoning; poisons and antidotes for common poisoning (specific antidotes);

3. 了解环境、药物和毒物因素的特点及种类。

Understand the characteristics and types of environmental, drug and poison factors.

## 有机磷农药中毒

### Organophosphorus pesticide poisoning

1. 掌握有机磷农药中毒毒理及临床表现特点和诊断要点。

Master the toxicological and clinical characteristics and diagnostic points of organophosphorus pesticide poisoning.

2. 熟悉阿托品和胆碱酯酶复活剂的作用机制、剂量、使用方法及观察指标；阿托品化和阿托品中毒的鉴别。

Be familiar with the mechanism of action, dose, method of use and observation indicators of atropine and cholinesterase reactivator; identification of atropinization and atropine poisoning.

3. 了解有机磷农药的种类；常见中毒原因。

Understand the types of organophosphorus pesticides; common causes of poisoning.

## 【泌尿系统疾病】

### Urinary system disorders

## 总论

### General

1. 掌握肾脏主要结构和生理功能；肾脏疾病临床常见综合征；肾脏疾病的评估；防治原则。

Master the main structure and physiological function of the kidney; common clinical syndromes of kidney disease; evaluation of kidney disease; prevention and treatment principles.

2. 熟悉肾脏疾病的常用诊断技术：尿液及免疫化学，肾脏功能，影响诊断，肾脏活检病理诊断。

Be familiar with the common diagnostic techniques of kidney diseases: urine and immunochemistry, renal function, impact diagnosis, renal biopsy pathological diagnosis.

3. 了解泌尿学科进展动态。

Understand the progress of urology.

#### 肾小球疾病概述

#### Overview of Glomerular Disorders

1. 掌握肾小球病的定义，临床特点、临床分型和病理分型。

Master the definition, clinical characteristics, clinical classification and pathological classification of glomerulopathy.

2. 了解肾小球病的病因、肾小球病的发病机理。

Understand the etiology of glomerulopathy and the pathogenesis of glomerulopathy.

#### 肾小球肾炎

#### Glomerulonephritis

1. 掌握肾小球肾炎的临床分型；急性肾小球肾炎的病因临床表现、诊断和治疗原则。慢性肾小球肾炎的病因临床表现、诊断和治疗原则。

Master the clinical classification of glomerulonephritis; the etiological clinical manifestations, diagnosis and treatment principles of acute glomerulonephritis. Etiological clinical manifestations, diagnosis and treatment principles of chronic glomerulonephritis.

2. 熟悉急性、慢性肾小球肾炎的病因和发病机制、病理改变。

Be familiar with the etiology, pathogenesis and pathological changes of acute and chronic glomerulonephritis.

3. 了解急进性肾小球肾炎的发病机制，分型、病理改变。

Understand the pathogenesis, classification, and pathological changes of rapidly progressive glomerulonephritis.

#### 肾病综合症

#### Nephrotic syndrome

1. 掌握肾病综合症的诊断标准、病理类型和相应的临床特征及治疗方案。

Master the diagnostic criteria, pathological types, corresponding clinical features and treatment options of nephrotic syndrome.

2. 熟悉本病的预后；相关的并发症及防治措施；有关的鉴别诊断。

Be familiar with the prognosis of this disease; related complications and prevention and treatment measures; related differential diagnosis.

3. 了解常见病因。

Understand common causes.

#### 尿路感染

#### Urinary tract infection

1. 掌握泌尿系统感染的常见致病菌；诊断（包括定位诊断）和鉴别诊断；急、慢性肾盂肾炎的临床表现及鉴别诊断；尿路感染的治疗原则。

Master the common pathogenic bacteria of urinary system infection; diagnosis (including localization diagnosis) and differential diagnosis; clinical manifestations and differential diagnosis of acute and chronic pyelonephritis; treatment principles of urinary tract infection.

2. 熟悉尿路感染的易患因素、预防措施；尿培养方法及结果判解。

Be familiar with the predisposing factors and preventive measures of urinary tract infection; urine culture methods and result interpretation.

3. 了解尿路感染的概念及所包括的内容；发病机制。

Understand the concept of urinary tract infection and the contents included; pathogenesis.

#### 急性肾损伤

#### Acute kidney injury

1. 掌握急性肾损伤临床分期和特点，实验室检查，诊断及鉴别诊断；治疗原则、透析疗法的适应征。

Master the clinical staging and characteristics of acute kidney injury, laboratory examination, diagnosis and differential diagnosis; treatment principles, indications for dialysis therapy.

2. 熟悉急性肾衰广义及狭义之概念、有关病因。

Be familiar with the clinical manifestations of chronic renal failure, renal replacement therapy, type.

3. 了解急性肾小管坏死的发病机理、病理表现。

Understand the etiology and pathogenesis of chronic renal failure.

#### 慢性肾衰竭

Chronic renal failure

1. 掌握慢性肾衰竭的概念、分期、诊断依据、处理原则。

Master the concept, staging, diagnosis basis, treatment principles of chronic renal failure.

2. 熟悉慢性肾衰竭的临床表现、肾替代治疗指征，类型。

Be familiar with the clinical manifestations of chronic renal failure, renal replacement therapy, type.

3. 了解慢性肾衰病因，发病机理。

Understand the etiology and pathogenesis of chronic renal failure.

章节 Section	教学内容 Teaching Contents	总学时 Lecture Hours	教学方法 Teaching Methods	
			讲授 Lecture	实验 Lab
1	内科总论 General principles of internal medicine	4	2	2
2	肺结核、COPD、肺心病 Tuberculosis, COPD, cor pulmonale	4	2	2
3	支气管哮喘、肺血栓栓塞症 Bronchial asthma, pulmonary thromboembolism	4	2	2
4	胸腔积液、气胸 Pleural effusion, pneumothorax	4	2	2
5	肺炎、肺脓肿、支扩 Pneumonia, lung abscess, bronchiectasis	4	2	2
6	肺癌 Lung cancer	4	2	2
7	呼吸衰竭、ARDS、SAHS、心力衰竭 Respiratory failure, ARDS, SAHS, heart failure	4	2	2
8	感染性心内膜炎、心包炎 Infective endocarditis, pericarditis	4	2	2



9	冠心病 Coronary artery disease	4	2	2
10	高血压病 Hypertension	4	2	2
11	心肌炎、心肌病、心脏瓣膜病、心起搏器 Myocarditis, cardiomyopathy, valvular heart disease, cardiac pacemaker	4	2	2
12	心律失常、心跳骤停、心源性猝死、主动脉夹层 Arrhythmia, sudden cardiac arrest, sudden cardiac death, aortic dissection	4	2	2
13	急性中毒总论、有机磷中毒、泌尿系统疾病总论 General view of acute poisoning, organophosphorus pesticide poisoning, general view of urinary system diseases	4	2	2
14	肾小球疾病概述、无症状血尿、尿蛋白 Overview of glomerular disease, asymptomatic hematuria, urine protein	4	2	2
15	急、慢性肾小球肾炎、肾病综合征、泌尿系统感染 Acute and chronic glomerulonephritis, nephrotic syndrome, urinary tract infection	4	2	2
16	急性肾损伤、慢性肾衰竭 Acute kidney injury, chronic renal failure	4	2	2

**18. 教材及其它参考资料 Textbook and Supplementary Readings**

**教材:**

葛俊波等主编，内科学，第九版，人民卫生出版社，2018年9月。

**课程评估 ASSESSMENT**

19. 评估形式                      评估时间                      占考试总成绩百分比    违纪处罚                      备注

Type of Assessment	Time	% of final score	Penalty	Notes
出勤 Attendance		10		
课堂表现 Class Performance				
小测验 Quiz				
课程项目 Projects				
平时作业 Assignments		30		
期中考试 Mid-Term Test				
期末考试 Final Exam		60		
期末报告 Final Presentation				
其它（可根据需要 改写以上评估方式） Others (The above may be modified as necessary)				

20. 记分方式 GRADING SYSTEM

- A. 十三级等级制 Letter Grading  
 B. 二级记分制（通过/不通过） Pass/Fail Grading

课程审批 REVIEW AND APPROVAL

21. 本课程设置已经过以下责任人/委员会审议通过  
This Course has been approved by the following person or committee of authority

本课程已经医学院教学副院长张文勇教授审核通过。