

课程大纲

COURSE SYLLABUS

1.	课程代码/名称 Course Code/Title	医院感染预防与控制/Healthcare-Associated Infection prevention and control
2.	课程性质 Compulsory/Elective	专业选修课/Optional course
3.	开课单位 Offering Dept.	深圳市第三人民医院 Third People' s Hospital of Shenzhen
4.	课程学分/学时 Course Credit/Hours	2/32
5.	授课语言 Teaching Language	中文 Chinese
6.	授课教师 Instructor(s)	黄婷 Ting Huang、袁静 Jing Yuan、马玥 Yue Ma、徐一帆 Yifan Xu
7.	开课学期 Semester	秋季 Autumn
8.	是否面向本科生开放 Open to undergraduates or not	否 No
9.	先修要求 Pre-requisites	(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.) 无 No
10.	教学目标 Course Objectives	<p>(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.)</p> <p>本课程将系统讲授医院感染预防与控制领域的基础理论、基础知识、基础技能及部分最新进展, 使学生了解医院感染预防与控制工作的内容、要求及重点, 引导学生建立对医院感染预防与控制工作的正确理解和认识, 包括其重要性、涵盖的领域和应对策略等, 将医院感染控制的红线思维内化到后续的职业生涯中, 为学生未来职业发展和社会服务打下基础。</p> <p>This course will systematically teach the basic theories, knowledge, skills, and some of the latest developments in the field of hospital infection prevention and control. It will enable students to understand the content, requirements, and key points of hospital infection prevention and control. It will guide students to establish a correct understanding and recognition of hospital infection prevention and control, including its importance, covered areas, and response strategies. The red line thinking of hospital infection control will be internalized into their subsequent career, laying a foundation for their future career development and social services.</p>
11.	教学方法 Teaching Methods	<p>(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.)</p> <p>理论授课 Theory teaching</p>
12.	教学内容 Course Contents	(如面向本科生开放, 请注明区分内容。 If the course is open to undergraduates, please indicate the difference.)

Section 1	医院感染概论（2学时） Introduction to Hospital Infection (2 class hours) 1. 医院感染控制发展简史 A Brief History of the Development of Hospital Infection Control 2. 医院感染定义与相关概念 Definition and Related Concepts of Hospital Infection 3. 医院感染主要法律法规要求 Main legal and regulatory requirements for hospital infections 4. 循证感染控制 Evidence based infection control
Section 2	医院感染判定与暴发处置（2学时） Hospital Infection Determination and Outbreak Management (2 class hours) 1. 医院感染诊断标准及诊断思路 Diagnostic criteria and ideas for hospital infections 2. 医院感染暴发的调查思路及处置要点 Investigation ideas and key points for handling hospital infection outbreaks 3. 医院感染流行病学 Epidemiology of Hospital Infection
Section 3	隔离与职业防护（2学时） Isolation and Occupational Protection (2 class hours) 1. 隔离概念与分类 Concept and classification of isolation 2. 疾病常见传播途径 Common transmission routes of diseases 3. 常见隔离方法与要求 Common isolation methods and requirements 4. 标准预防的概念、意义和措施 Concept, significance, and measures of standard prevention 5. 职业防护与职业暴露 Occupational protection and exposure
Section 4	清洁、消毒与灭菌（2学时） Cleaning, Disinfection and Sterilization (2 class hours) 1. 清洁、消毒与灭菌的概念与常用方法 Concepts and common methods of cleaning, disinfection, and sterilization 2. 清洁、消毒与灭菌方法的选择原则 Principles for selecting cleaning, disinfection, and sterilization methods 3. 医院环境物体表面清洁与消毒 Surface cleaning and disinfection of hospital environment objects 4. 诊疗设备、器械与用品的分类与消毒 Classification and disinfection of diagnostic and therapeutic equipment, instruments, and supplies 5. 清洁、消毒与灭菌效果监测 Monitoring of cleaning, disinfection, and sterilization effects
Section 5	医院感染监测（2学时） Hospital Infection Monitoring (2 class hours) 1. 医院感染监测的概念与方法 Concept and methods of hospital infection monitoring 2. 医院感染综合性监测 Comprehensive monitoring of hospital infections 3. 医院感染目标性监测 Targeted monitoring of hospital infections 4. 医院环境卫生学监测 Hospital environmental hygiene monitoring 5. 医院感染监测信息化建设 Informationization construction of hospital infection monitoring
Section 6	手卫生（2学时） Hand Hygiene (2 class hours) 1. 手卫生基本概念与意义 Basic concepts and significance of hand hygiene 2. 手卫生指征与方法 Hand hygiene indications and methods 3. 手卫生设施 Hand hygiene facilities 4. 手卫生消毒效果监测 Monitoring of hand hygiene disinfection effect 5. 手卫生的影响因素及推进措施 The influencing factors and promotion measures of hand hygiene

Section 7	<p>三管感染预防与控制（2学时） Prevention and Control of Three Tube Infection (2 class hours)</p> <ol style="list-style-type: none"> 1. 血管导管相关血流感染的诊断、预防与控制 Diagnosis, prevention, and control of vascular catheter-related bloodstream infections 2. 导尿管相关尿路感染的诊断、预防与控制 Diagnosis, prevention, and control of urinary tract infections related to catheters 3. 呼吸机相关肺炎的诊断、预防与控制 Diagnosis, prevention, and control of ventilator-associated pneumonia
Section 8	<p>手术部位感染预防与控制（2学时） Prevention and Control of Surgical Site Infection (2 class hours)</p> <ol style="list-style-type: none"> 1. 手术部位感染的概念与诊断标准 Concept and diagnostic criteria of surgical site infection 2. 手术部位感染的预防与控制 Prevention and control of surgical site infections 3. 手术室医院感染管理要求 Requirements for hospital infection management in operating rooms
Section 9	<p>多重耐药菌医院感染预防与控制（2学时） Prevention and Control of Multi Drug Resistant Bacteria Hospital Infection (2 class hours)</p> <ol style="list-style-type: none"> 1. 多重耐药菌感染基本概念 Basic concepts of multi drug-resistant bacterial infections 2. 常见多重耐药菌感染治疗 Treatment of common multi drug-resistant bacterial infections 3. 多重耐药菌感染的预防与控制 Prevention and control of multi drug-resistant bacterial infections
Section 10	<p>抗菌药物合理使用与管理（2学时） Rational Use and Management of Antibiotics (2 class hours)</p> <ol style="list-style-type: none"> 1. 抗菌药物合理使用的概念与意义 The concept and significance of rational use of antibiotics 2. 抗菌药物临床应用基本原则 Basic principles of clinical application of antibiotics 3. 抗菌药物临床应用管理（AMS管理） Clinical Application Management of Antibiotics (AMS Management)
Section 11	<p>医院感染病原学（2学时） Hospital Infection Pathology (2 class hours)</p> <ol style="list-style-type: none"> 1. 医院感染病原体的相关概念和特征 Concepts and characteristics of hospital acquired pathogens 2. 医院感染常见病原体的分类及特性 Classification and characteristics of common pathogens in hospital infections 3. 医院感染的特殊病原体（结核及其他分枝杆菌、朊病毒、军团菌、艰难梭菌） Special pathogens of hospital infections (tuberculosis and other mycobacteria, prions, Legionella, and Clostridium difficile) 4. 实验室生物安全 Laboratory biosafety 5. 常见医院感染临床标本的收集方法与注意事项 Collection methods and precautions for clinical specimens of common hospital infections
Section 12	<p>后勤相关医院感染管理（2学时） Logistics related Hospital Infection Management(2 class hours)</p> <ol style="list-style-type: none"> 1. 医疗废物的分类和管理要求 Classification and management requirements for medical waste 2. 医疗废水的处理流程及管理要求 Treatment process and management

	requirements for medical wastewater 3. 医疗织物的处理流程及管理要求 The processing flow and management requirements of medical fabrics
Section 13	医院建筑设施与医院感染防控（2学时） Hospital Building Facilities and Hospital Infection Prevention Control (2 class hours) 1. 医院建筑布局与医院感染防控 Hospital building layout and hospital infection prevention and control 2. 医院空调系统与医院感染防控 Hospital air conditioning system and hospital infection prevention and control 3. 医院水路管理与医院感染防控 Hospital waterway management and hospital infection prevention and control
Section 14	重点部门医院感染的预防与控制（一）（2学时） Prevention and control of hospital infections in key departments (2 class hours) 1. 血液透析相关感染的概念、监测与防控要点 Concept, monitoring, and prevention and control points of hemodialysis related infections 2. 新生儿相关感染的概念、诊断标准及防控要点 Concept, diagnostic criteria, and prevention and control points of neonatal related infections 3. 内镜诊疗相关感染的常见原因及防控要点 Common causes and prevention and control points of endoscopic diagnosis and treatment related infections
Section 15	重点部门医院感染的预防与控制（二）（2学时） Prevention and control of hospital infections in key departments(2 class hours) 1. 消毒供应中心医院感染防控要点 Key points for hospital infection prevention and control in the disinfection supply center 2. 口腔诊疗相关感染的常见原因及防控要点 Common causes and prevention and control points of oral diagnosis and treatment related infections 3. 静脉用药调配中心医院感染防控要点 Key points for hospital infection prevention and control in the intravenous drug dispensing center
Section 16	期末考试（2学时） Final assessment (2 class hours)

13. 课程考核

Course Assessment

（考核形式 Form of examination; .分数构成 grading policy; 如面向本科生开放，请注明区分内容。 If the course is open to undergraduates, please indicate the difference.）

课堂出勤 20%，期末考查 80%

20% classroom attendance, 80% final exam

14. 教材及其它参考资料

Textbook and Supplementary Readings

1. 黄勋、李六亿，医院感染控制，人民卫生出版社 Huang Xun and Li Liuyi, Hospital Infection Control, People's Health Publishing House
2. 王力红、朱士俊，医院感染学（第2版），人民卫生出版社 Wang Lihong and Zhu Shijun, Hospital Infectious Diseases (2nd edition), People's Health Publishing House